

# **Exhibit 16**

**Reports Generated from PTO's Model (June 2005 though July 2007), A05641-5721**

**Part 1: A05641-80**

SUMMARY 6/24/05 11:30 07OMB.P39I	FY 2004		ACTUAL DATA 06 Pres Budget		FY 07 OMB Budget Submission					
	2004	2005	2006	2006	2007	2008	2009	2010	2011	
YEAR	2004	2005	2006	2006	2007	2008	2009	2010	2011	
EOY STAFF	3,681	4,173	4,723	4,705	5,235	5,771	6,325	6,842	7,326	
PROF W-Y	3,550	3,687	4,149	4,200	4,749	5,325	5,921	6,451	6,954	
# HIRED	443	950	900	1,000	1,000	1,000	1,000	1,000	1,000	
# ATTRITED	336	415	337	427	430	423	404	443	479	
Net Positions	107	535	563	573	570	577	596	557	521	
OVERTIME(K)	13,373	14,360	20,000	18,227	21,559	25,280	29,410	32,043	34,541	
OT HOURS	303,459	311,496	414,765	377,999	427,410	479,250	532,890	580,590	625,859	
# BOY NEW	443,852	508,878	594,753	604,559	698,508	788,734	870,112	939,182	996,340	
TOTAL D'TLS	12	25	25	28	29	31	32	32	32	
AVG. GRADE	12.41	11.91	11.65	11.69	11.55	11.55	11.63	11.72	11.82	
RECEIPTS	355,527	383,969	395,709	414,687	443,715	474,775	508,009	543,570	581,620	
RECEIPTS TO										
BE EXAMINED	355,527	383,969	395,709	410,540	439,278	470,027	502,929	538,134	575,803	
REG PROD	272,372	268,242	293,432	292,755	322,232	358,615	400,439	444,441	495,679	
TOT PROD	287,752	284,029	314,454	311,913	343,894	382,905	427,448	473,867	527,400	
DISPOSALS	287,188	279,769	292,536	307,234	338,736	377,161	421,036	466,759	519,489	
FIRST ACTS	288,316	288,288	336,371	316,591	349,052	388,649	433,859	480,976	535,311	
PEND FA	20.2	20.7	21.4	22.0	23.0	23.7	23.9	23.7	23.1	
PEND IS/AB	27.6	31.0	31.3	31.3	32.0	33.0	33.7	33.9	33.7	
# SPE'S	278	321	364	362	402	443	485	525	562	
#PATS PRTD	170,664	170,664	178,913	160,000	181,200	196,300	218,500	244,000	270,500	

**#2 added assumptions**  
**1,000 Examiner Hiring Levels**  
**Trainers for New Hires**

**Efficiency gain from Outsourcing the Search**

**FY 06/11 Attrition rate 10%/9%/8%/7%/7%/7%**

Plus #1 BASE Assumptions  
 Adjusted for Complexity Creep  
 PGPub Outsourced Savings FY 06/11  
 PCT Outsourced Savings FY 06/11  
 1% Application Abandonments from OIPE  
 GS-12+ Tech Training

**07OMB.P39I Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
<b>Receipts:</b>							
UPR Filings growth @ 8% FY 05/06	383,969	414,687	443,715	474,775	508,009	543,570	581,620
7% FY 07/11			0	0	0	0	0
Less 5% for discontinued continuation			0	0	0	0	0
<b>UPR Filings</b>			0	0	0	0	0
Less Abandonment Rate 1% during UPR Filings TO BE Examined	4,147	4,437	4,748	5,080	5,436	5,816	
	410,540	439,278	470,027	502,929	538,134	575,803	
<b>Examiner Hires:</b>	950	1,000	1,000	1,000	1,000	1,000	1,000
<b>Attrition rate:</b>	11%	10%	9%	8%	7%	7%	7%
<b>Production Rates:</b>							
Total complexity creep	-2.0%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%	
<b>Efficiency Gains</b>	0.0	0.0	0.0	0.0031	0.0156	0.0281	
FY 04							
Actual							
			Production Units per examiner per grade per fiscal year				
GS-5	25.4	24.9	24.6	24.5	24.5	24.7	25.3
GS-7	31.5	30.9	30.6	30.4	30.4	30.7	31.4
GS-9	50.4	49.4	48.9	48.7	48.6	49.1	50.2
GS-11	62.7	61.4	60.8	60.5	60.4	61.1	62.5
GS-12	68.3	66.9	66.3	65.9	65.8	66.5	68.0
GS-13	81	79.4	78.6	78.2	78.0	78.9	80.7
GS-14	91.5	89.7	88.8	88.3	88.2	89.1	91.1
GS-15	103.1	101.0	100.0	99.5	99.3	100.4	102.7
<b>Patent Cooperation Treaty (PCT):</b>							
PCT Chapter I PUs redirected (paralegal)							
Chap I reduction 25%-07 50%-08 75%-09/11							
Chap II reduction 25%-08 50%-09/11							
Total PCT PU savings	1,250	4,078	9,496	15,284	15,856	16,462	
Examiner PCT PUs	18,423	16,236	11,496	6,428	6,619	6,821	
Examiner FTE	201	177	126	70	72	75	
<b>Competitive Sourcing:</b>							
PGPub FTE redirected to examination	35	37	39	42	44	47	
<b>Overtime:</b>							
Overtime hours per examiner FTE	90	90	90	90	90	90	
<b>Examiner FTE lost/taken out of the examining corps:</b>							
Part-time	55	55	55	55	55	55	55
Quality initiatives	39	42	48	50	57	57	57
New Hire trainers	30	30	30	30	30	30	30
CLE Training	20	21	22	23	24	24	25
Exmr Tech Trng 8 hrs >=GS12	10	13.7	14.4	16	17.6	19.1	
<b>Allowance Rate</b>	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%	63.0%

SUMMARY	FY 2005	ACTUAL DATA		FY 08 OMB Budget Submission				
		8/30/06 14:15	08OMB.P13v3					
YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,747	5,268	5,724	6,135	6,502	6,828	7,118
PROF W-Y	3,804	4,197	4,707	5,245	5,722	6,091	6,422	6,728
# HIRED	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	559	639	709	758	804	849	888
Net Positions	534	641	561	491	442	396	351	312
OVERTIME(K)	12,225	14,795	17,220	19,590	21,800	23,700	25,500	27,300
OT HOURS	278,669	330,329	376,558	419,575	457,310	486,952	513,078	549,295
# BOY NEW	508,878	586,599	693,132	800,996	909,171	1,023,423	1,152,761	1,301,308
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	12.17	11.57	11.31	11.28	11.33	11.39	11.47	11.56
RECEIPTS	384,228	414,966	445,923	479,176	517,511	558,911	603,624	651,914
RECEIPTS TO BE EXAMINED	384,228	410,817	441,463	474,385	512,335	553,322	597,588	645,395
REG PROD	275,008	285,467	305,918	335,468	364,603	388,338	411,418	434,089
TOT PROD	288,315	301,242	323,900	355,505	386,442	411,592	435,920	460,320
DISPOSALS	279,345	298,200	314,200	344,800	374,800	399,200	422,800	446,500
FIRST ACTS	297,285	304,284	333,599	366,210	398,084	423,984	449,041	474,140
PEND FA	21.1	22.0	23.7	24.9	25.5	26.5	27.6	28.9
PEND IS/AB	29.1	31.3	33.0	34.7	35.9	36.5	37.5	38.6
# SPE'S	294	365	405	440	471	500	525	547
#PAT'S PRTD	152104	160,000	177,397	192,820	210,062	224,810	238,419	251,957

**1,200 Examiner Hiring Levels**

**FY 07 Overtime 80 hours per examiner FTE**

**FY 07/12 Limitation on Continuations - 1% reduction in filings**

**FY 06/12 Attrition rate 13%/13.2%/13.3%/13.4%/13.5%/13.6%/13.6%**

**FY 06/12 Filing rate 8%**

**Chap I reduction 25%-07 50%-08 75%-09/12**

**Chap II reduction 25%-08 50%-09/12**

Adjusted for Complexity Factor

PCT Outsourced Savings FY 06/12

1% Application Abandonments from OIPE

**08OMB.P13v3 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	
<b>Receipts:</b>									
UPR Filings growth @ 8% FY 07/12	384,228	414,966	448,164	484,017	522,738	564,557	609,722	658,499	
Less 1% for discontinued continuation			2,241	4,840	5,227	5,646	6,097	6,585	
Less 10% for accelerated examination									
add back 20% of 5% of FY 09									
add back 20% of 5% of FY 10									
add back 20% of 5% of FY 11									
<b>UPR Filings</b>	<b>414,966</b>	<b>445,923</b>	<b>479,176</b>	<b>517,511</b>	<b>558,911</b>	<b>603,624</b>	<b>651,914</b>		
Less Abandonment Rate 1% during initial	4,150	4,459	4,792	5,175	5,589	6,036	6,519		
<b>UPR Filings TO BE Examined</b>	<b>410,817</b>	<b>441,463</b>	<b>474,385</b>	<b>512,335</b>	<b>553,322</b>	<b>597,588</b>	<b>645,395</b>		
<b>Examiner Hires:</b>	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	
<b>Attrition rate:</b>	10%	13.0%	13.2%	13.3%	13.4%	13.5%	13.6%	13.6%	
<b>Overtime hours per examiner</b>	80	78	77	76	76	76	76	75	
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	
<b>Efficiency Gains</b>		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	56.1
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	65.0
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	87.1
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	97.2
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/12									
Chap II reduction 25%-08 50%-09/12									
Total PCT PU savings	913	1,250	2,680	7,446	12,768	13,628	14,540	15,507	
Examiner PCT PUs	14,234	14,806	14,339	10,594	6,355	6,642	6,946	7,268	
Examiner FTE	158	165	160	118	71	74	77	81	
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44	44	
Quality initiatives	12	5	4	6	17	28	34	40	
SP Quality Initiatives			55	43	31	31	32	35	
New Hire trainers	5	15	15	15	15	15	15	15	
CLE Training	8	29	34	38	43	48	53	58	
Exmr Tech Trng 8 hrs	7	6	6	6	7	10	12	14	
<b>Allowance Rate</b>	<b>58.7%</b>	<b>60.0%</b>	<b>60.0%</b>	<b>60.0%</b>	<b>60.0%</b>	<b>60.0%</b>	<b>60.0%</b>	<b>60.0%</b>	

*6/10/2007  
Subm 5310*

SUMMARY FY 2006 ACTUAL DATA  
7/31/07 12:15 09OMB.P15

YEAR	2006	2007	2008	2009	2010	2011	2012	2013
EOY STAFF	4,779	5,395	5,970	6,487	6,953	7,374	7,751	8,090
PROF W-Y	4,444	4,788	5,380	5,992	6,471	6,907	7,299	7,658
# HIRED	1,193	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	510	511	580	643	699	749	793	835
Net Positions	683	561	491	557	501	451	407	365
OVERTIME(K)	15,031	17,520	25,265	28,565	31,500	34,325	37,035	39,670
OT HOURS	341,760	383,118	541,122	599,223	647,215	690,643	745,171	781,828
# BOY NEW	574,922	674,333	772,435	838,152	874,485	888,564	890,622	883,263
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	11.59	11.52	11.53	11.6	11.73	11.84	11.94	12.05
RECEIPTS	419,760	440,748	458,158	481,065	505,119	530,375	556,893	584,738
RECEIPTS TO BE EXAMINED	419,760	436,341	453,576	476,255	500,068	525,071	551,324	578,891
REG PROD	298,937	313,578	354,766	403,063	446,038	480,256	512,626	542,417
TOT PROD	315,019	331,607	380,230	431,261	476,495	512,756	547,692	579,208
DISPOSALS	309,689	324,975	372,600	422,600	467,000	502,500	536,700	567,600
FIRST ACTS	320,349	338,239	387,859	439,921	485,990	523,012	558,684	590,817
PEND FA	22.6	23.7	26.9	27.5	27.6	27.6	27.8	27.7
PEND IS/AB	31.1	33.0	34.7	37.9	38.5	38.6	38.6	38.8
# SPE'S	365	415	460	500	535	565	595	621
#PAT'S PRTD	164,115	160,500	175,757	199,793	222,096	240,463	257,279	272,728

**1,200 Examiner Hiring Levels**

**FY 07 Overtime 100 hours per examiner FTE**

**Efficiency Gains:**

**Patents Hoteling Program - 2% FY 08/13**

**Examiner Lap Top Pilot - 3% nFY 08/13**

**Flat Goal Pilot - .5% FY 08/13**

**Calims, Continuations & IDS (Examiner Bonus Structure) - 1% in FY 08 / 2% FY 09/13**

**FY 07/13 Attrition rate 10%**

**FY 07/13 Filing rate 5%**

**Chap I reduction 25%-07/08/09 75%-10/13**

**Chap II reduction 25%-10 50%-11/13**

Adjusted for Complexity Factor

1% Application Abandonments from OIPE

1% Application reduction for continuations

**09OMB.P15 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	
<b>Receipts:</b>												
UPR Filings growth @ 5% FY 07/13	384,228	419,760	440,748	462,785	485,925	510,221	535,732	562,519	590,644	620,177	651,186	
Less 1% for discontinued continuation				4,628	4,859	5,102	5,357	5,625	5,906	6,202	6,512	
<b>UPR Filings</b>	<b>419,760</b>	<b>440,748</b>	<b>458,158</b>	<b>481,065</b>	<b>505,119</b>	<b>530,375</b>	<b>556,893</b>	<b>584,738</b>	<b>613,975</b>	<b>644,674</b>		
Less Abandonment Rate 1% during initial UPR Filings TO BE Examined	4,198	4,407	4,582	4,811	5,051	5,304	5,569	5,847	6,140	6,447		
<b>UPR Filings TO BE Examined</b>	<b>415,562</b>	<b>436,341</b>	<b>453,576</b>	<b>476,255</b>	<b>500,068</b>	<b>525,071</b>	<b>551,324</b>	<b>578,891</b>	<b>607,835</b>	<b>638,227</b>		
<b>Examiner Hires:</b>	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	
<b>Attrition rate:</b>	10.6%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	
<b>Overtime hours per examiner</b>	80	80	100	100	100	100	100	100	100	100	100	
<b>Production Rates:</b>												
Total complexity factor				-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	
<b>Efficiency Gains</b>	0.0	0.0	2.0%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	
	<b>FY 04</b>	<b>FY 05</b>	<b>FY 06</b>	Production Units per examiner per grade per fiscal year								
GS-5	25.4	24.1	25.1	25.1	24.8	25.2	26.0	25.8	25.7	25.6	25.5	25.3
GS-7	31.5	31.4	34.1	34.1	33.8	34.3	35.3	35.1	34.9	34.8	34.6	34.4
GS-9	50.4	45.3	49.9	49.9	49.4	50.1	51.6	51.4	51.1	50.9	50.6	50.4
GS-11	62.7	54.2	53.1	53.1	52.6	53.4	54.9	54.7	54.4	54.1	53.9	53.6
GS-12	68.3	67.1	65.6	65.6	64.9	65.9	67.9	67.5	67.2	66.9	66.5	65.9
GS-13	81	79.4	77.0	77.0	76.2	77.4	79.7	79.3	78.9	78.5	78.1	77.7
GS-14	91.5	89.8	87.9	87.9	87.0	88.3	91.0	90.5	90.0	89.6	89.1	88.7
GS-15	103.1	99.3	92.3	92.3	91.4	92.7	95.5	95.0	94.6	94.1	93.6	92.7
<b>Patent Cooperation Treaty (PCT):</b>												
PCT Chapter I PUs redirected (paralegal)												
Chap I reduction 25%-07 50%-08 75%-09/13												
Chap II reduction 25%-08 50%-09/13												
Total PCT PU savings	913	977	2,690	4,000	4,000	11,960	12,732	13,551	14,418	15,338	16,313	
Examiner PCT PUs	14,234	12,617	11,719	11,274	12,191	5,203	5,460	5,733	6,022	6,329	6,654	
Examiner FTE	158	144	133	128	139	59	62	65	68.5	72	76	
<b>Examiner FTE lost/taken out of the examining corps:</b>												
Part-time	44	44	44	44	44	44	44	44	44	44	44	
Quality initiatives	12.7	0	0	11	22	27	28	28	28	28	28	
SP Quality Initiatives		19	39	34	34	34	34	34	34	34	34	
New Hire trainers	29	15	15	15	15	15	15	15	15	15	15	
CLE Training	2	4	6	8	10	12	14	14	14	14	14	
Exmr Tech Trng 8 hrs	20	3	6	9	11	13	15	15	15	15	15	
<b>Allowance Rate</b>	<b>53.6%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation

New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

## SUMMARY FY 2006 ACTUAL DATA

5/9/07 12:15 09OMB.P17

YEAR	2006	2007	2008	2009	2010	2011	2012	2013
EOY STAFF	4,779	5,395	5,970	6,487	6,953	6,953	6,953	6,953
PROF W-Y	4,444	4,788	5,411	5,992	6,471	6,782	6,774	6,771
# HIRED	1,193	1,200	1,200	1,200	1,200	749	749	749
# ATTRITED	510	511	580	643	699	749	749	749
Net Positions	683	561	491	557	501	0	0	0
OVERTIME(K)	15,031	17,520	25,265	28,565	31,500	31,500	33,700	34,400
OT HOURS	341,760	383,118	541,122	599,223	647,215	633,802	678,068	677,966
# BOY NEW	574,922	674,333	755,854	784,980	757,258	691,029	593,796	479,949
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	11.59	11.52	11.54	11.63	11.73	11.95	12.25	12.45
RECEIPTS	419,760	419,760	419,760	419,760	419,760	419,760	419,760	419,760
RECEIPTS TO BE EXAMINED	419,760	419,760	419,760	419,760	419,760	419,760	419,760	419,760
REG PROD	298,937	313,578	357,503	410,543	446,038	477,020	491,244	502,470
TOT PROD	315,019	331,607	382,967	438,741	476,495	506,846	523,153	534,374
DISPOSALS	309,689	324,975	375,300	430,000	467,000	496,700	512,700	523,700
FIRST ACTS	320,349	338,239	390,634	447,482	485,990	516,993	533,606	545,049
PEND FA	22.6	23.7	23.9	25.1	23.3	20.5	16.2	12.6
PEND IS/AB	31.1	33.0	34.7	34.9	36.1	34.3	31.5	27.2
# SPE'S	365	415	460	500	535	565	595	621
#PAT'S PRTD	164,115	160,500	176,751	202,829	222,991	238,340	247,790	253,752
New Applications/Examiner	125	127	121	109	99	85	69	

## 1,200 Examiner Hiring Levels

FY 07 Overtime 100 hours per examiner FTE

## Efficiency Gains:

Patents Hoteling Program - 2% FY 08/13

Examiner Lap Top Pilot - 3% nFY 08/13

Flat Goal Pilot - .5% FY 08/13

Calims, Continuations &amp; IDS (Examiner Bonus Structure) - 1% in FY 08 / 2% FY 09/13

FY 07/13 Attrition rate 10%

FY 07/13 Filing rate 0%

Chap I reduction 25%-07 50%-08 75%-09/13

Chap II reduction 25%-08 50%-09/13

Adjusted for Complexity Factor

1% Application Abandonments from OIPE

1% Application reduction for continuations

## 09OMB.P17 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Receipts:</b>											
UPR Filings growth @ 8% FY 07/13	384,228	419,760	419,760	419,760	419,760	419,760	419,760	419,760	419,760	419,760	419,760
Less 1% for discontinued continuation				4,198	4,198	4,198	4,198	4,198	4,198	4,198	4,198
<b>UPR Filings</b>	419,760	419,760	415,562	415,562	415,562	415,562	415,562	415,562	415,562	415,562	415,562
Less Abandonment Rate 1% during initial UPR Filings TO BE Examined	4,198	4,198	4,156	4,156	4,156	4,156	4,156	4,156	4,156	4,156	4,156
<b>Examiner Hires:</b>	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
<b>Attrition rate:</b>	10.6%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
<b>Overtime hours per examiner</b>	80	80	100	100	100	100	100	100	100	100	100
<b>Production Rates:</b>											
Total complexity factor			-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%
<b>Efficiency Gains</b>	0.0	0.0	2.0%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%
FY 04	FY 05	FY 06	Production Units per examiner per grade per fiscal year								
GS-5	25.4	24.1	25.1	25.1	24.8	25.2	26.0	25.8	25.7	25.6	25.5
GS-7	31.5	31.4	34.1	34.1	33.8	34.3	35.3	35.1	34.9	34.8	34.6
GS-9	50.4	45.3	49.9	49.9	49.4	50.1	51.6	51.4	51.1	50.9	50.6
GS-11	62.7	54.2	53.1	53.1	52.6	53.4	54.9	54.7	54.4	54.1	53.9
GS-12	68.3	67.1	65.6	65.6	64.9	65.9	67.9	67.5	67.2	66.9	66.5
GS-13	81	79.4	77.0	77.0	76.2	77.4	79.7	79.3	78.9	78.5	78.1
GS-14	91.5	89.8	87.9	87.9	87.0	88.3	91.0	90.5	90.0	89.6	89.1
GS-15	103.1	99.3	92.3	92.3	91.4	92.7	95.5	95.0	94.6	94.1	93.6
<b>Patent Cooperation Treaty (PCT):</b>											
PCT Chapter I PUs redirected (paralegal)											
Chap I reduction 25%-07 50%-08 75%-09/13											
Chap II reduction 25%-08 50%-09/13											
Total PCT PU savings	913	977	2,690	6,725	11,231	11,960	12,732	13,551	14,418	15,338	16,313
Examiner PCT PUs	14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733	6,022	6,329	6,654
Examiner FTE	158	144	133	97	56	59	62	65	68.5	72	76
<b>Examiner FTE lost/taken out of the examining corps:</b>											
Part-time	44	44	44	44	44	44	44	44	44	44	44
Quality initiatives	12.7	0	0	11	22	27	28	28	28	28	28
SP Quality Initiatives		19	39	34	34	34	34	34	34	34	34
New Hire trainers	29	15	15	15	15	15	15	15	15	15	15
CLE Training	2	4	6	8	10	12	14	14	14	14	14
Exmr Tech Trng 8 hrs	20	3	6	9	11	13	15	15	15	15	15
<b>Allowance Rate</b>	53.6%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation

New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

## SUMMARY FY 2006 ACTUAL DATA

5/9/07 12:15 09OMB.P16

YEAR	2006	2007	2008	2009	2010	2011	2012	2013
EOY STAFF	4,779	5,395	5,970	6,487	6,953	7,374	7,751	8,090
PROF W-Y	4,444	4,788	5,411	5,992	6,471	6,907	7,299	7,658
# HIRED	1,193	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	510	511	580	643	699	749	793	835
Net Positions	683	561	491	557	501	451	407	365
OVERTIME(K)	15,031	17,520	25,265	28,565	31,500	34,325	37,035	39,670
OT HOURS	341,760	383,118	541,122	599,223	647,215	690,643	745,171	781,828
# BOY NEW	574,922	674,333	755,854	784,980	757,258	691,029	587,776	448,853
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	11.59	11.52	11.54	11.63	11.73	11.84	11.94	12.05
RECEIPTS	419,760	419,760	419,760	419,760	419,760	419,760	419,760	419,760
RECEIPTS TO BE EXAMINED	419,760	419,760	419,760	419,760	419,760	419,760	419,760	419,760
REG PROD	298,937	313,578	357,503	410,543	446,038	480,256	512,626	542,417
TOT PROD	315,019	331,607	382,967	438,741	476,495	512,756	547,692	579,208
DISPOSALS	309,689	324,975	375,300	430,000	467,000	502,500	536,700	567,600
FIRST ACTS	320,349	338,239	390,634	447,482	485,990	523,012	558,684	590,817
PEND FA	22.6	23.7	23.9	25.1	23.3	20.3	15.3	10.4
PEND IS/AB	31.1	33.0	34.7	34.9	36.1	34.3	31.3	26.3
# SPE'S	365	415	460	500	535	565	595	621
#PAT'S PRTD	164,115	160,500	176,751	202,829	222,991	240,463	257,279	272,728
New Applications/Examiner	125	127	121	109	94	76	55	

**1,200 Examiner Hiring Levels****FY 07 Overtime 100 hours per examiner FTE****Efficiency Gains:****Patents Hoteling Program - 2% FY 08/13****Examiner Lap Top Pilot - 3% nFY 08/13****Flat Goal Pilot - .5% FY 08/13****Calims, Continuations & IDS (Examiner Bonus Structure) - 1% in FY 08 / 2% FY 09/13****FY 07/13 Attrition rate 10%****FY 07/13 Filing rate 0%****Chap I reduction 25%-07 50%-08 75%-09/13****Chap II reduction 25%-08 50%-09/13**

Adjusted for Complexity Factor

1% Application Abandonments from OIPE

1% Application reduction for continuations

## 09OMB.P16 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Receipts:</b>											
UPR Filings growth @ 8% FY 07/13	384,228	419,760	419,760	419,760	419,760	419,760	419,760	419,760	419,760	419,760	419,760
Less 1% for discontinued continuation				4,198	4,198	4,198	4,198	4,198	4,198	4,198	4,198
<b>UPR Filings</b>	419,760	419,760	415,562	415,562	415,562	415,562	415,562	415,562	415,562	415,562	415,562
Less Abandonment Rate 1% during initial UPR Filings TO BE Examined	4,198	4,198	4,156	4,156	4,156	4,156	4,156	4,156	4,156	4,156	4,156
<b>Examiner Hires:</b>	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Attrition rate:	10.6%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
<b>Overtime hours per examiner</b>	80	80	100	100	100	100	100	100	100	100	100
<b>Production Rates:</b>											
Total complexity factor			-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%
<b>Efficiency Gains</b>	0.0	0.0	2.0%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%
	FY 04	FY 05	FY 06	Production Units per examiner per grade per fiscal year							
GS-5	25.4	24.1	25.1	25.1	24.8	25.2	26.0	25.8	25.7	25.6	25.5
GS-7	31.5	31.4	34.1	34.1	33.8	34.3	35.3	35.1	34.9	34.8	34.6
GS-9	50.4	45.3	49.9	49.9	49.4	50.1	51.6	51.4	51.1	50.9	50.6
GS-11	62.7	54.2	53.1	53.1	52.6	53.4	54.9	54.7	54.4	54.1	53.9
GS-12	68.3	67.1	65.6	65.6	64.9	65.9	67.9	67.5	67.2	66.9	66.5
GS-13	81	79.4	77.0	77.0	76.2	77.4	79.7	79.3	78.9	78.5	78.1
GS-14	91.5	89.8	87.9	87.9	87.0	88.3	91.0	90.5	90.0	89.6	89.1
GS-15	103.1	99.3	92.3	92.3	91.4	92.7	95.5	95.0	94.6	94.1	93.6
<b>Patent Cooperation Treaty (PCT):</b>											
PCT Chapter I PUs redirected (paralegal)											
Chap I reduction 25%-07 50%-08 75%-09/13											
Chap II reduction 25%-08 50%-09/13											
Total PCT PU savings	913	977	2,690	6,725	11,231	11,960	12,732	13,551	14,418	15,338	16,313
Examiner PCT PUs	14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733	6,022	6,329	6,654
Examiner FTE	158	144	133	97	56	59	62	65	68.5	72	76
<b>Examiner FTE lost/taken out of the examining corps:</b>											
Part-time	44	44	44	44	44	44	44	44	44	44	44
Quality initiatives	12.7	0	0	11	22	27	28	28	28	28	28
SP Quality Initiatives		19	39	34	34	34	34	34	34	34	34
New Hire trainers	29	15	15	15	15	15	15	15	15	15	15
CLE Training	2	4	6	8	10	12	14	14	14	14	14
Exmr Tech Trng 8 hrs	20	3	6	9	11	13	15	15	15	15	15
<b>Allowance Rate</b>	53.6%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation

New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

## SUMMARY FY 2006 ACTUAL DATA

7/30/07 12:15 09OMB.P14

YEAR	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,779	5,268	7,180	8,783	10,230	11,551	12,753
PROF W-Y	4,444	4,707	5,768	7,504	9,026	10,406	11,672
# HIRED	1,193	1,200	2,500	2,500	2,500	2,500	2,500
# ATTRITED	510	639	580	772	943	1074	1208
Net Positions	683	561	491	1728	1557	1426	1292
OVERTIME(K)	15,031	17,220	25,265	28,565	31,500	34,325	37,035
OT HOURS	341,760	376,558	541,122	599,223	647,215	690,643	745,171
# BOY NEW	574,922	693,132	784,901	865,103	872,397	826,969	730,654
TOTAL D'TLS	13	20	20	20	20	20	20
AVG. GRADE	11.59	11.31	11.19	10.89	10.95	11.11	11.3
RECEIPTS	419,760	445,923	479,176	523,512	565,389	610,632	659,439
RECEIPTS TO BE EXAMINED	419,760	441,463	479,857	518,277	559,735	604,526	652,845
REG PROD	298,937	305,918	366,363	472,794	562,824	654,570	748,098
TOT PROD	315,019	323,900	391,827	500,992	593,281	687,070	783,164
DISPOSALS	309,689	314,200	384,000	491,000	581,400	673,300	767,500
FIRST ACTS	320,349	333,599	399,655	510,983	605,163	700,841	798,829
PEND FA	22.6	23.7	24.0	23.7	21.2	18.0	14.1
PEND IS/AB	31.1	33.0	34.7	35.0	34.7	32.2	29.0
# SPE'S	365	415	550	675	785	890	980
#PAT'S PRTD	164,115	160,500	179,954	226,216	272,255	316,836	362,441

**2,500 Examiner Hiring Levels****FY 07 Overtime 100 hours per examiner FTE****Efficiency Gains:****Patents Hoteling Program - 2% FY 08/15****Examiner Lap Top Pilot - 3% nFY 08/15****Flat Goal Pilot - .5% FY 08/15****Calims, Continuations & IDS (Examiner Bonus Structure) - 1% in FY 08 / 2% FY 09/15****FY 07/15 Attrition rate 10%****FY 07/15 Filing rate 8%****Chap I reduction 25%-07 50%-08 75%-09/15****Chap II reduction 25%-08 50%-09/15**

Adjusted for Complexity Factor

1% Application Abandonments from OIPE

1% Application reduction for continuations

**09OMB.P14 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	
<b>Receipts:</b>												
UPR Filings growth @ 8% FY 07/13	384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100	719,400	776,900	839,100	
Less 1% for discontinued continuation				4,896	5,288	5,711	6,168	6,661	7,194	7,769	8,391	
<b>UPR Filings</b>	<b>419,760</b>	<b>453,340</b>	<b>484,704</b>	<b>523,512</b>	<b>565,389</b>	<b>610,632</b>	<b>659,439</b>	<b>712,206</b>	<b>769,131</b>	<b>830,709</b>		
Less Abandonment Rate 1% during initial UPR Filings TO BE Examined	4,198	4,533	4,847	5,235	5,654	6,106	6,594	7,122	7,691	8,307		
<b>Examiner Hires:</b>	<b>959</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>		
<b>Attrition rate:</b>	<b>10.6%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>		
<b>Overtime hours per examiner</b>	<b>80</b>	<b>80</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>		
<b>Production Rates:</b>												
Total complexity factor				-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	
<b>Efficiency Gains</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0%</b>	<b>5.5%</b>	<b>5.5%</b>	<b>5.5%</b>	<b>5.5%</b>	<b>5.5%</b>	<b>5.5%</b>	<b>5.5%</b>	<b>5.5%</b>	
	<b>FY 04</b>	<b>FY 05</b>	<b>FY 06</b>	Production Units per examiner per grade per fiscal year								
GS-5	25.4	24.1	25.1	25.1	24.8	25.2	26.0	25.8	25.7	25.6	25.5	25.3
GS-7	31.5	31.4	34.1	34.1	33.8	34.3	35.3	35.1	34.9	34.8	34.6	34.4
GS-9	50.4	45.3	49.9	49.9	49.4	50.1	51.6	51.4	51.1	50.9	50.6	50.1
GS-11	62.7	54.2	53.1	53.1	52.6	53.4	54.9	54.7	54.4	54.1	53.9	53.3
GS-12	68.3	67.1	65.6	65.6	64.9	65.9	67.9	67.5	67.2	66.9	66.5	65.9
GS-13	81	79.4	77.0	77.0	76.2	77.4	79.7	79.3	78.9	78.5	78.1	77.7
GS-14	91.5	89.8	87.9	87.9	87.0	88.3	91.0	90.5	90.0	89.6	89.1	88.3
GS-15	103.1	99.3	92.3	92.3	91.4	92.7	95.5	95.0	94.6	94.1	93.6	93.1
<b>Patent Cooperation Treaty (PCT):</b>												
PCT Chapter I PUs redirected (paralegal)												
Chap I reduction 25%-07 50%-08 75%-09/13												
Chap II reduction 25%-08 50%-09/13												
Total PCT PU savings	913	977	2,690	6,725	11,231	11,960	12,732	13,551	14,418	15,338	16,313	
Examiner PCT PUs	14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733	6,022	6,329	6,654	
Examiner FTE	158	144	133	97	56	59	62	65	68.5	72	76	
<b>Examiner FTE lost/taken out of the examining corps:</b>												
Part-time	44	44	44	44	44	44	44	44	44	44	44	
Quality initiatives	12.7	0	0	11	22	27	28	28	28	28	28	
SP Quality Initiatives		19	39	34	34	34	34	34	34	34	34	
New Hire trainers	29	15	15	15	15	15	15	15	15	15	15	
CLE Training	2	4	6	8	10	12	14	14	14	14	14	
Exmr Tech Trng 8 hrs	20	3	6	9	11	13	15	15	15	15	15	
<b>Allowance Rate</b>	<b>53.6%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation

New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2006 ACTUAL DATA  
5/9/07 12:15 09OMB.P13

YEAR	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
EOY STAFF	4,779	5,395	5,970	6,487	6,953	7,374	7,751	8,090	8,391	8,661
PROF W-Y	4,444	4,788	5,411	5,992	6,471	6,907	7,299	7,658	7,975	8,259
# HIRED	1,193	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	510	511	580	643	699	749	793	835	871	904
Net Positions	683	561	491	557	501	451	407	365	329	296
OVERTIME(K)	15,031	17,520	25,265	28,565	31,500	34,325	37,035	39,670	42,180	44,600
OT HOURS	341,760	383,118	541,122	599,223	647,215	690,643	745,171	781,828	831,296	878,990
# BOY NEW	574,922	674,333	759,968	797,362	786,468	745,799	677,012	581,640	463,400	324,753
TOTAL D'TLS	13	20	20	20	20	20	20	20	20	20
AVG. GRADE	11.59	11.52	11.54	11.63	11.73	11.84	11.94	12.05	12.14	12.23
RECEIPTS	419,760	428,155	432,351	440,998	449,818	458,814	467,991	477,351	486,898	496,636
RECEIPTS TO BE EXAMINED	419,760	423,874	428,028	436,588	445,320	454,226	463,311	472,577	482,029	491,669
REG PROD	298,937	313,578	357,503	410,543	446,038	480,256	512,626	542,417	569,369	593,568
TOT PROD	315,019	331,607	382,967	438,741	476,495	512,756	547,692	579,208	608,488	634,932
DISPOSALS	309,689	324,975	375,300	430,000	467,000	502,500	536,700	567,600	596,300	622,200
FIRST ACTS	320,349	338,239	390,634	447,482	485,990	523,012	558,684	590,817	620,676	647,663
PEND FA	22.6	23.0	22.9	21.7	19.7	17.2	14.4	11.4	8.6	6.0
PEND IS/AB	31.1	33.0	34.0	33.9	32.7	30.7	28.2	25.4	22.4	19.6
# SPE'S	365	415	460	500	535	565	595	621	649	675
#PAT'S PRTD	164,115	160,500	176,751	202,829	222,991	240,463	257,279	272,728	286,973	299,856
	448807	479857	518277	559735	604526	652845	705084	761440	822402	
	37400.58	39988.08	43189.75	46644.583	50377.1667	54403.75	58757	63453.3333	68533.5	
	20.31968	19.93999	18.209598	15.988973	13.4388662	10.6911748	7.88671988	5.11798172	2.46243078	

**1,200 Examiner Hiring Levels**

**FY 07 Overtime 100 hours per examiner FTE**

**Efficiency Gains:**

**Patents Hoteling Program - 2% FY 08/15**

**Examiner Lap Top Pilot - 3% nFY 08/15**

**Flat Goal Pilot - .5% FY 08/15**

**Claims, Continuations & IDS (Examiner Bonus Structure) - 1% in FY 08 / 2% FY 09/15**

**FY 07/15 Attrition rate 10%**

**FY 07/15 Filing rate 2%**

**Chap I reduction 25%-07 50%-08 75%-09/15**

**Chap II reduction 25%-08 50%-09/15**

Adjusted for Complexity Factor

1% Application Abandonments from OIPE

1% Application reduction for continuations

## 09OMB.P13 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Receipts:</b>											
UPR Filings growth @ 8% FY 07/13	384,228	419,760	428,155	436,718	445,453	454,362	463,449	472,718	482,172	491,816	501,652
Less 1% for discontinued continuation				4,367	4,455	4,544	4,634	4,727	4,822	4,918	5,017
<b>UPR Filings</b>	419,760	428,155	432,351	440,998	449,818	458,814	467,991	477,351	486,898	496,636	
Less Abandonment Rate 1% during initial	4,198	4,282	4,324	4,410	4,498	4,588	4,680	4,774	4,869	4,966	
<b>UPR Filings TO BE Examined</b>	415,562	423,874	428,028	436,588	445,320	454,226	463,311	472,577	482,029	491,669	
<b>Examiner Hires:</b>	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	
<b>Attrition rate:</b>	10.6%	10%	10%	10%	10%	10%	10%	10%	10%	10%	
<b>Overtime hours per examiner</b>	80	80	100	100	100	100	100	100	100	100	
<b>Production Rates:</b>											
Total complexity factor				-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%
<b>Efficiency Gains</b>	0.0	0.0	2.0%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%
	FY 04	FY 05	FY 06	Production Units per examiner per grade per fiscal year							
	Actual	Actual	Actual	25.1	24.8	25.2	26.0	25.8	25.7	25.6	25.5
GS-5	25.4	24.1	25.1	25.1	24.8	25.2	26.0	25.8	25.7	25.6	25.5
GS-7	31.5	31.4	34.1	34.1	33.8	34.3	35.3	35.1	34.9	34.8	34.6
GS-9	50.4	45.3	49.9	49.9	49.4	50.1	51.6	51.4	51.1	50.9	50.6
GS-11	62.7	54.2	53.1	53.1	52.6	53.4	54.9	54.7	54.4	54.1	53.9
GS-12	68.3	67.1	65.6	65.6	64.9	65.9	67.9	67.5	67.2	66.9	66.5
GS-13	81	79.4	77.0	77.0	76.2	77.4	79.7	79.3	78.9	78.5	78.1
GS-14	91.5	89.8	87.9	87.9	87.0	88.3	91.0	90.5	90.0	89.6	89.1
GS-15	103.1	99.3	92.3	92.3	91.4	92.7	95.5	95.0	94.6	94.1	93.6
<b>Patent Cooperation Treaty (PCT):</b>											
PCT Chapter I PUs redirected (paralegal)											
Chap I reduction 25%-07 50%-08 75%-09/13											
Chap II reduction 25%-08 50%-09/13											
Total PCT PU savings	913	977	2,690	6,725	11,231	11,960	12,732	13,551	14,418	15,338	16,313
Examiner PCT PUs	14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733	6,022	6,329	6,654
Examiner FTE	158	144	133	97	56	59	62	65	68.5	72	76
<b>Examiner FTE lost/taken out of the examining corps:</b>											
Part-time	44	44	44	44	44	44	44	44	44	44	44
Quality initiatives	12.7	0	0	11	22	27	28	28	28	28	28
SP Quality Initiatives		19	39	34	34	34	34	34	34	34	34
New Hire trainers	29	15	15	15	15	15	15	15	15	15	15
CLE Training	2	4	6	8	10	12	14	14	14	14	14
Exmr Tech Trng Bhrs	20	3	6	9	11	13	15	15	15	15	15
<b>Allowance Rate</b>	53.6%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation

New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2006 ACTUAL DATA  
6/29/07 12:15 09OMB.P5

YEAR	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
EOY STAFF	4,779	5,268	5,724	6,487	6,953	7,374	7,751	8,090	8,391	8,661
PROF W-Y	4,444	4,707	5,245	5,992	6,471	6,907	7,299	7,658	7,975	8,259
# HIRED	1,193	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	510	639	709	643	699	749	793	835	871	904
Net Positions	683	561	491	557	501	451	407	365	329	296
OVERTIME(K)	15,031	17,220	25,265	28,565	31,500	34,325	37,035	39,670	42,180	44,600
OT HOURS	341,760	376,558	541,122	599,223	647,215	690,643	745,171	781,828	831,296	878,990
# BOY NEW	574,922	693,132	772,435	835,377	864,150	878,229	880,287	872,928	861,002	848,161
TOTAL D'TLS	13	20	20	20	20	20	20	20	20	20
AVG. GRADE	11.59	11.31	11.54	11.63	11.73	11.84	11.94	12.05	12.14	12.23
RECEIPTS	419,760	440,748	458,158	481,065	505,119	530,375	556,893	584,738	613,975	644,674
RECEIPTS TO BE EXAMINED	419,760	436,341	453,576	476,255	500,068	525,071	551,324	578,891	607,835	638,227
REG PROD	298,937	305,918	357,503	410,543	446,038	480,256	512,626	542,417	569,369	593,568
TOT PROD	315,019	323,900	382,967	438,741	476,495	512,756	547,692	579,208	608,488	634,932
DISPOSALS	309,689	314,200	375,300	430,000	467,000	502,500	536,700	567,600	596,300	622,200
FIRST ACTS	320,349	333,599	390,634	447,482	485,990	523,012	558,684	590,817	620,676	647,663
PEND FA	22.6	23.7	24.9							
PEND IS/AB	31.1	33.0	34.7							
# SPE'S	365	415	460	500	535	565	595	621	645	666
#PAT'S PRTD	164,115	160,500	166,146	190,659	209,611	226,036	241,842	256,365	269,755	281,865

**1,200 Examiner Hiring Levels**

**FY 07 Overtime 100 hours per examiner FTE**

**Efficiency Gains:**

**Patents Hoteling Program - 2% FY 08/15**

**Examiner Lap Top Pilot - 3% nFY 08/15**

**Flat Goal Pilot - .5% FY 08/15**

**Claims, Continuations & IDS (Examiner Bonus Structure) - 1% in FY 08 / 2% FY 09/15**

**Allowance rate reduced to 47% for KSR**

**FY 07/15 Attrition rate 10%**

**FY 07/15 Filing rate 5% due to KSR**

**Chap I reduction 25%-07 50%-08 75%-09/15**

**Chap II reduction 25%-08 50%-09/15**

Adjusted for Complexity Factor

1% Application Abandonments from OIPE

1% Application reduction for continuations

**09OMB.P5 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	
<b>Receipts:</b>												
UPR Filings growth @ 5% FY 07/13	384,228	419,760	440,748	462,785	485,925	510,221	535,732	562,519	590,644	620,177	651,186	
Less 1% for discontinued continuation				4,628	4,859	5,102	5,357	5,625	5,906	6,202	6,512	
<b>UPR Filings</b>	419,760	440,748	458,158	481,065	505,119	530,375	556,893	584,738	613,975	644,674		
Less Abandonment Rate 1% during initial	4,198	4,407	4,582	4,811	5,051	5,304	5,569	5,847	6,140	6,447		
<b>UPR Filings TO BE Examined</b>	415,562	436,341	453,576	476,255	500,068	525,071	551,324	578,891	607,835	638,227		
Examiner Hires:	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200		
Attrition rate:	10.6%	10%	10%	10%	10%	10%	10%	10%	10%	10%		
<b>Overtime hours per examiner</b>	80	80	100	100	100	100	100	100	100	100		
<b>Production Rates:</b>												
Total complexity factor			-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	-5.0%	
<b>Efficiency Gains</b>	0.0	0.0	2.0%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	
	<b>FY 04</b>	<b>FY 05</b>	<b>FY 06</b>	<b>Production Units per examiner per grade per fiscal year</b>								
GS-5	25.4	24.1	25.1	25.1	24.8	25.2	26.0	25.8	25.7	25.6	25.5	25.3
GS-7	31.5	31.4	34.1	34.1	33.8	34.3	35.3	35.1	34.9	34.8	34.6	34.4
GS-9	50.4	45.3	49.9	49.9	49.4	50.1	51.6	51.4	51.1	50.9	50.6	50.4
GS-11	62.7	54.2	53.1	53.1	52.6	53.4	54.9	54.7	54.4	54.1	53.9	53.3
GS-12	68.3	67.1	65.6	65.6	64.9	65.9	67.9	67.5	67.2	66.9	66.5	65.9
GS-13	81	79.4	77.0	77.0	76.2	77.4	79.7	79.3	78.9	78.5	78.1	77.3
GS-14	91.5	89.8	87.9	87.9	87.0	88.3	91.0	90.5	90.0	89.6	89.1	88.3
GS-15	103.1	99.3	92.3	92.3	91.4	92.7	95.5	95.0	94.6	94.1	93.6	92.7
<b>Patent Cooperation Treaty (PCT):</b>												
PCT Chapter I PUs redirected (paralegal)												
Chap I reduction 25%-07 50%-08 75%-09/13												
Chap II reduction 25%-08 50%-09/13												
Total PCT PU savings	913	977	2,690	6,725	11,231	11,960	12,732	13,551	14,418	15,338	16,313	
Examiner PCT PUs	14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733	6,022	6,329	6,654	
Examiner FTE	158	144	133	97	56	59	62	65	68.5	72	76	
<b>Examiner FTE lost/taken out of the examining corps:</b>												
Part-time	44	44	44	44	44	44	44	44	44	44	44	
Quality initiatives	12.7	0	0	11	22	27	28	28	28	28	28	
SP Quality Initiatives		19	39	34	34	34	34	34	34	34	34	
New Hire trainers	29	15	15	15	15	15	15	15	15	15	15	
CLE Training	2	4	6	8	10	12	14	14	14	14	14	
Exmr Tech Trng 8 hrs	20	3	6	9	11	13	15	15	15	15	15	
<b>Allowance Rate</b>	53.6%	47.0%	47.0%	47.0%	47.0%	47.0%	47.0%	47.0%	47.0%	47.0%	47.0%	

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation

New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2006 ACTUAL DATA  
6/18/07 8:40 090MB.P4

YEAR	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
EOY STAFF	4,779	5,395	5,970	6,487	6,953	7,374	7,751	8,090	8,391	8,661
PROF W-Y	4,444	4,788	5,411	5,992	6,471	6,907	7,299	7,658	7,975	8,259
# HIRED	1,193	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	510	511	580	643	699	749	793	835	871	904
Net Positions	683	561	491	557	501	451	407	365	329	296
OVERTIME(K)	15,031	17,520	25,265	28,565	31,500	34,325	37,035	39,670	42,180	44,600
OT HOURS	341,760	383,118	541,122	599,223	647,215	690,643	745,171	781,828	831,296	878,990
# BOY NEW	574,922	674,333	784,901	874,124	921,294	962,149	957,753	932,388	911,777	883,892 880,160
TOTAL D'TLS	13	20	20	20	20	20	20	20	20	20
AVG. GRADE	11.59	11.52	11.54	11.63	11.73	11.84	11.94	12.05	12.14	12.23
RECEIPTS	419,760	445,923	479,176	523,512	565,389	610,632	659,439	712,206	769,131	830,709
RECEIPTS TO BE EXAMINED	419,760	448,807	479,857	518,277	531,466	543,462	586,901	633,863	684,527	739,331
REG PROD	298,937	313,578	357,503	410,543	450,498	504,629	565,217	628,059	659,337	687,168
TOT PROD	315,019	323,900	382,967	438,741	480,955	537,129	600,283	664,850	698,456	728,532
DISPOSALS	309,689	314,200	375,300	430,000	471,300	526,400	588,300	651,600	684,500	714,000
FIRST ACTS	320,349	333,600	390,634	447,482	490,611	547,859	612,265	678,100	712,411	743,063
PEND FA	22.6	23.7	24.9	24.8	23.2	22.6	20.6	18.8	17.0	15.8
PEND IS/AB	31.1	33.0	34.7	35.9	35.8	34.2	33.6	31.6	29.8	28.0
# SPE'S	365	415	460	500	535	565	595	621	649	675
#PATS PRTD	164,115	177,400	176,751	202,829	224,565	249,734	279,062	309,725	329,426	344,124

**1,200 Examiner Hiring Levels**

FY 07 Overtime 100 hours per examiner FTE

**Efficiency Gains:**

Patents Hoteling Program - 2% FY 08/15

Examiner Lap Top Pilot - 3% nFY 08/15

Flat Goal Pilot - .5% FY 08/15

Calims, Continuations & IDS (Examiner Bonus Structure) - 1% in FY 08 / 2% FY 09/15

AQS FY 10 - 1% / FY 11 - 5% / FY 12 - 10% / FY 13/15 - 15%

FY 07/15 Filing rate 8%

AQS Dropout for Filings FY 10 - 5% / FY 11/15 - 10%

AQS New Inventory Dropout FY 10/13 - 23,625 applications

FY 07/13 Attrition rate 10%

Chap I reduction 25%-07 50%-08 75%-09/15

Chap II reduction 25%-08 50%-09/15

Adjusted for Complexity Factor

1% Application Abandonments from OIPE

1% Application reduction for continuations

## 09OMB.P4 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015						
<b>Receipts:</b>																	
UPR Filings growth @ 8% FY 07/15	384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100	719,400	776,900	839,100						
Less 1% for discontinued continuation Dropout FY 10 - 5% / FY 11/15 10%				4,896	5,288	5,711	6,168	6,661	7,194	7,769	8,391						
<b>UPR Filings</b>	419,760	453,340	484,704	523,512	536,834	548,952	592,829	640,266	691,441	746,799							
Less Abandonment Rate 1% during initial	4,198	4,533	4,847	5,235	5,368	5,490	5,928	6,403	6,914	7,468							
<b>UPR Filings TO BE Examined</b>	415,562	448,807	479,857	518,277	531,466	543,462	586,901	633,863	684,527	739,331							
<b>BOY New Inventory Reduction 10% of FY 10 reduced over 4 years</b>																	
Examiner Hires:	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200						
Attrition rate:	10.6%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%						
<b>Overtime hours per examiner</b>		80	80	100	100	100	100	100	100	100	100						
<b>Production Rates:</b>																	
Total complexity factor				-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%						
<b>Efficiency Gains</b>		0.0	0.0	2.0%	5.5%	6.5%	10.5%	15.5%	20.5%	20.5%	20.5%						
	FY 04	FY 05	FY 06	Production Units per examiner per grade per fiscal year													
	Actual	Actual	Actual	GS-5	25.4	24.1	25.1	25.1	24.8	25.2	26.0	26.1	27.0	28.2	29.5	29.3	29.2
				GS-7	31.5	31.4	34.1	34.1	33.8	34.3	35.3	35.5	36.7	38.3	40.0	39.8	39.7
				GS-9	50.4	45.3	49.9	49.9	49.4	50.1	51.6	51.9	53.7	56.1	58.6	58.3	58.0
				GS-11	62.7	54.2	53.1	53.1	52.6	53.4	54.9	55.2	57.1	59.7	62.4	62.1	61.7
				GS-12	68.3	67.1	65.6	65.6	64.9	65.9	67.9	68.2	70.6	73.7	77.0	76.7	76.3
				GS-13	81	79.4	77.0	77.0	76.2	77.4	79.7	80.1	82.9	86.6	90.4	90.0	89.5
				GS-14	91.5	89.8	87.9	87.9	87.0	88.3	91.0	91.4	94.6	98.8	103.2	102.7	102.2
				GS-15	103.1	99.3	92.3	92.3	91.4	92.7	95.5	96.0	99.3	103.8	108.4	107.9	107.3
<b>Patent Cooperation Treaty (PCT):</b>																	
PCT Chapter I PUs redirected (paralegal)																	
Chap I reduction 25%-07 50%-08 75%-09/13																	
Chap II reduction 25%-08 50%-09/13																	
Total PCT PU savings	913	977	2,690	6,725	11,231	11,960	12,732	13,551	14,418	15,338	16,313						
Examiner PCT PUs	14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733	6,022	6,329	6,654						
Examiner FTE	158	144	133	97	56	59	62	65	68.5	72	76						
<b>Examiner FTE lost/taken out of the examining corps:</b>																	
Part-time		44	44	44	44	44	44	44	44	44	44						
Quality initiatives		12.7	0	0	11	22	27	28	28	28	28						
SP Quality Initiatives		19	39	34	34	34	34	34	34	34	34						
New Hire trainers		29	15	15	15	15	15	15	15	15	15						
CLE Training		2	4	6	8	10	12	14	14	14	14						
Exmr Tech Trng 8 hrs		20	3	6	9	11	13	15	15	15	15						
<b>Allowance Rate</b>		53.6%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%						

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation

New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2006 ACTUAL DATA  
5/9/07 12:15 09OMB.P3

YEAR	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
EOY STAFF	4,779	5,268	5,724	6,487	6,953	7,374	7,751	8,090	8,391	8,661
PROF W-Y	4,444	4,707	5,245	5,992	6,471	6,907	7,299	7,658	7,975	8,259
# HIRED	1,193	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	510	639	709	643	699	749	793	835	871	904
Net Positions	683	561	491	557	501	451	407	365	329	296
OVERTIME(K)	15,031	17,220	19,590	28,565	31,500	34,325	37,035	39,670	42,180	44,600
OT HOURS	341,760	376,558	419,575	599,223	647,215	690,643	745,171	781,828	831,296	878,990
# BOY NEW	574,922	693,132	800,996	874,124	944,919	1,018,665	1,100,178	1,194,340	1,308,607	1,449,371
TOTAL D'TLS	13	20	20	20	20	20	20	20	20	20
AVG. GRADE	11.59	11.31	11.28	11.63	11.73	11.84	11.94	12.05	12.14	12.23
RECEIPTS	419,760	445,923	479,176	523,512	565,389	610,632	659,439	712,206	769,131	830,709
RECEIPTS TO BE EXAMINED	419,760	441,463	474,385	518,277	559,735	604,526	652,845	705,084	761,440	822,402
REG PROD	298,937	305,918	335,468	410,543	446,038	480,256	512,626	542,417	569,369	593,568
TOT PROD	315,019	323,900	355,505	438,741	476,495	512,756	547,692	579,208	608,488	634,932
DISPOSALS	309,689	314,200	344,800	430,000	467,000	502,500	536,700	567,600	596,300	622,200
FIRST ACTS	320,349	333,599	366,210	447,482	485,990	523,012	558,684	590,817	620,676	647,663
PEND FA	22.6	23.7	24.9	25.4	25.5	25.6	25.7	25.8	26.3	27.2
PEND IS/AB	31.1	33.0	34.7	35.9	36.4	36.5	36.6	36.7	36.8	37.3
# SPE'S	365	415	460	500	535	565	595	621	645	666
#PAT'S PRTD	164,115	160,500	176,751	202,829	222,991	240,463	257,279	272,728	286,973	299,856

**1,200 Examiner Hiring Levels**

**FY 07 Overtime 100 hours per examiner FTE**

**Efficiency Gains:**

**Patents Hoteling Program - 2% FY 08/15**

**Examiner Lap Top Pilot - 3% nFY 08/15**

**Flat Goal Pilot - .5% FY 08/15**

**Calims, Continuations & IDS (Examiner Bonus Structure) - 1% in FY 08 / 2% FY 09/15**

**FY 07/15 Attrition rate 10%**

**FY 07/15 Filing rate 8%**

**Chap I reduction 25%-07 50%-08 75%-09/15**

**Chap II reduction 25%-08 50%-09/15**

Adjusted for Complexity Factor

1% Application Abandonments from OIPE

1% Application reduction for continuations

**09OMB.P3 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>		
<b>Receipts:</b>													
UPR Filings growth @ 8% FY 07/13	384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100	719,400	776,900	839,100		
Less 1% for discontinued continuation				4,896	5,288	5,711	6,168	6,661	7,194	7,769	8,391		
<b>UPR Filings</b>	<b>419,760</b>	<b>453,340</b>	<b>484,704</b>	<b>523,512</b>	<b>565,389</b>	<b>610,632</b>	<b>659,439</b>	<b>712,206</b>	<b>769,131</b>	<b>830,709</b>			
Less Abandonment Rate 1% during initial	4,198	4,533	4,847	5,235	5,654	6,106	6,594	7,122	7,691	8,307			
<b>UPR Filings TO BE Examined</b>	<b>415,562</b>	<b>448,807</b>	<b>479,857</b>	<b>518,277</b>	<b>559,735</b>	<b>604,526</b>	<b>652,845</b>	<b>705,084</b>	<b>761,440</b>	<b>822,402</b>			
Examiner Hires:	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200		
Attrition rate:	10.6%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%		
<b>Overtime hours per examiner</b>	<b>80</b>	<b>80</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>		
<b>Production Rates:</b>													
Total complexity factor				-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%		
<b>Efficiency Gains</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0%</b>	<b>5.5%</b>	<b>5.5%</b>	<b>5.5%</b>	<b>5.5%</b>	<b>5.5%</b>	<b>5.5%</b>	<b>5.5%</b>	<b>5.5%</b>		
	<b>FY 04</b>	<b>FY 05</b>	<b>FY 06</b>	<b>Production Units per examiner per grade per fiscal year</b>									
GS-5	25.4	24.1	25.1	25.1	24.8	25.2	26.0	25.8	25.7	25.6	25.5	25.3	25.2
GS-7	31.5	31.4	34.1	34.1	33.8	34.3	35.3	35.1	34.9	34.8	34.6	34.4	34.2
GS-9	50.4	45.3	49.9	49.9	49.4	50.1	51.6	51.4	51.1	50.9	50.6	50.4	50.1
GS-11	62.7	54.2	53.1	53.1	52.6	53.4	54.9	54.7	54.4	54.1	53.9	53.6	53.3
GS-12	68.3	67.1	65.6	65.6	64.9	65.9	67.9	67.5	67.2	66.9	66.5	66.2	65.9
GS-13	81	79.4	77.0	77.0	76.2	77.4	79.7	79.3	78.9	78.5	78.1	77.7	77.3
GS-14	91.5	89.8	87.9	87.9	87.0	88.3	91.0	90.5	90.0	89.6	89.1	88.7	88.3
GS-15	103.1	99.3	92.3	92.3	91.4	92.7	95.5	95.0	94.6	94.1	93.6	93.1	92.7
<b>Patent Cooperation Treaty (PCT):</b>													
PCT Chapter I PUs redirected (paralegal)													
Chap I reduction 25%-07 50%-08 75%-09/13													
Chap II reduction 25%-08 50%-09/13													
Total PCT PU savings	913	977	2,690	6,725	11,231	11,960	12,732	13,551	14,418	15,338	16,313		
Examiner PCT PUs	14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733	6,022	6,329	6,654		
Examiner FTE	158	144	133	97	56	59	62	65	68.5	72	76		
<b>Examiner FTE lost/taken out of the examining corps:</b>													
Part-time	44	44	44	44	44	44	44	44	44	44	44		
Quality initiatives	12.7	0	0	11	22	27	28	28	28	28	28		
SP Quality Initiatives		19	39	34	34	34	34	34	34	34	34		
New Hire trainers	29	15	15	15	15	15	15	15	15	15	15		
CLE Training	2	4	6	8	10	12	14	14	14	14	14		
Exmr Tech Trng 8 hrs	20	3	6	9	11	13	15	15	15	15	15		
<b>Allowance Rate</b>	<b>53.6%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>50.0%</b>		

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation

New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2006 ACTUAL DATA  
5/2/07 12:15 09OMB.P2

YEAR	2006	2007	2008	2009	2010	2011	2012	2013
EOY STAFF	4,779	5,268	5,724	6,487	6,953	7,374	7,751	8,090
PROF W-Y	4,444	4,707	5,245	5,992	6,471	6,907	7,299	7,658
# HIRED	1,193	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	510	639	709	643	699	749	793	835
Net Positions	683	561	491	557	501	451	407	365
OVERTIME(K)	15,031	17,220	19,590	28,565	31,500	34,325	37,035	39,670
OT HOURS	341,760	376,558	419,575	599,223	647,215	690,643	745,171	781,828
# BOY NEW	574,922	693,132	800,996	874,124	944,919	1,018,665	1,100,178	1,194,340
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	11.59	11.31	11.28	11.63	11.73	11.84	11.94	12.05
RECEIPTS	419,760	445,923	479,176	523,512	565,389	610,632	659,439	712,206
RECEIPTS TO BE EXAMINED	419,760	441,463	474,385	518,277	559,735	604,526	652,845	705,084
REG PROD	298,937	305,918	335,468	410,543	446,038	480,256	512,626	542,417
TOT PROD	315,019	323,900	355,505	438,741	476,495	512,756	547,692	579,208
DISPOSALS	309,689	314,200	344,800	430,000	467,000	502,500	536,700	567,600
FIRST ACTS	320,349	333,599	366,210	447,482	485,990	523,012	558,684	590,817
PEND FA	22.6	23.7	24.9	25.4	25.5	25.6	25.7	25.8
PEND IS/AB	31.1	33.0	34.7	35.9	36.4	36.5	36.6	36.7
# SPE'S	365	415	460	500	535	565	595	621
#PAT'S PRTD	164,115	177,397	192,820	235,281	258,669	278,938	298,443	316,365

**1,200 Examiner Hiring Levels**

**FY 07 Overtime 100 hours per examiner FTE**

**Efficiency Gains:**

**Patents Hoteling Program - 2% FY 08/13**

**Examiner Lap Top Pilot - 3% nFY 08/13**

**Flat Goal Pilot - .5% FY 08/13**

**Calims, Continuations & IDS (Examiner Bonus Structure) - 1% in FY 08 / 2% FY 09/13**

**FY 07/13 Attrition rate 10%**

**FY 07/13 Filing rate 8%**

**Chap I reduction 25%-07 50%-08 75%-09/13**

**Chap II reduction 25%-08 50%-09/13**

Adjusted for Complexity Factor

1% Application Abandonments from OIPE

1% Application reduction for continuations

**09OMB.P2 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Receipts:</b>									
UPR Filings growth @ 8% FY 07/13	384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100	719,400
Less 1% for discontinued continuation				4,896	5,288	5,711	6,168	6,661	7,194
<b>UPR Filings</b>	<b>419,760</b>	<b>453,340</b>	<b>484,704</b>	<b>523,512</b>	<b>565,389</b>	<b>610,632</b>	<b>659,439</b>	<b>712,206</b>	
Less Abandonment Rate 1% during initial	4,198	4,533	4,847	5,235	5,654	6,106	6,594	7,122	
<b>UPR Filings TO BE Examined</b>	<b>415,562</b>	<b>448,807</b>	<b>479,857</b>	<b>518,277</b>	<b>559,735</b>	<b>604,526</b>	<b>652,845</b>	<b>705,084</b>	
<b>Examiner Hires:</b>	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
<b>Attrition rate:</b>	10.6%	10%	10%	10%	10%	10%	10%	10%	10%
<b>Overtime hours per examiner</b>	80	80	100	100	100	100	100	100	100
<b>Production Rates:</b>									
Total complexity factor			-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%	4.0%
<b>Efficiency Gains</b>	0.0	0.0	2.0%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%
FY 04	FY 05	FY 06	<b>Production Units per examiner per grade per fiscal year</b>						
Actual	Actual	Actual	25.4	24.8	25.2	26.0	25.8	25.7	25.6
GS-5	25.4	24.1	25.1	25.1	24.8	25.2	26.0	25.8	25.5
GS-7	31.5	31.4	34.1	34.1	33.8	34.3	35.3	35.1	34.9
GS-9	50.4	45.3	49.9	49.9	49.4	50.1	51.6	51.4	51.1
GS-11	62.7	54.2	53.1	53.1	52.6	53.4	54.9	54.7	54.4
GS-12	68.3	67.1	65.6	65.6	64.9	65.9	67.9	67.5	66.9
GS-13	81	79.4	77.0	77.0	76.2	77.4	79.7	79.3	78.9
GS-14	91.5	89.8	87.9	87.9	87.0	88.3	91.0	90.5	89.6
GS-15	103.1	99.3	92.3	92.3	91.4	92.7	95.5	95.0	94.6
									93.6
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/13									
Chap II reduction 25%-08 50%-09/13									
Total PCT PU savings	913	977	2,690	6,725	11,231	11,960	12,732	13,551	14,418
Examiner PCT PUs	14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733	6,022
Examiner FTE	158	144	133	97	56	59	62	65	68.5
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44	44	44
Quality initiatives	12.7	0	0	11	22	27	28	28	
SP Quality Initiatives		19	39	34	34	34	34	34	34
New Hire trainers	29	15	15	15	15	15	15	15	15
CLE Training	2	4	6	8	10	12	14	14	14
Exmr Tech Trng 8 hrs	20	3	6	9	11	13	15	15	15
<b>Allowance Rate</b>	<b>53.6%</b>	<b>54.0%</b>	<b>54.0%</b>	<b>54.0%</b>	<b>54.0%</b>	<b>54.0%</b>	<b>54.0%</b>	<b>54.0%</b>	<b>54.0%</b>

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation

New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2006 ACTUAL DATA  
4/20/07 12:15 09OMB.P1

YEAR	2006	2007	2008	2009	2010	2011	2012	2013
EOY STAFF	4,779	5,395	5,970	6,487	6,953	7,374	7,751	8,090
PROF W-Y	4,444	4,788	5,411	5,992	6,471	6,907	7,299	7,658
# HIRED	1,193	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	510	511	580	643	699	749	793	835
Net Positions	683	689	620	557	501	451	407	365
OVERTIME(K)	15,031	17,520	25,265	28,565	31,500	34,325	37,035	39,670
OT HOURS	341,760	383,118	541,122	599,223	647,215	690,643	745,171	781,828
# BOY NEW	574,922	674,333	784,901	874,124	944,919	1,018,665	1,100,178	1,194,340
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	11.59	11.52	11.54	11.63	11.73	11.84	11.94	12.05
RECEIPTS	419,760	453,340	484,704	523,512	565,389	610,632	659,439	712,206
RECEIPTS TO BE EXAMINED	419,760	448,807	479,857	518,277	559,735	604,526	652,845	705,084
REG PROD	298,937	313,578	357,503	410,543	446,038	480,256	512,626	542,417
TOT PROD	315,019	331,607	382,967	438,741	476,495	512,756	547,692	579,208
DISPOSALS	309,689	324,975	375,300	430,000	467,000	502,500	536,700	567,600
FIRST ACTS	320,349	338,239	390,634	447,482	485,990	523,012	558,684	590,817
PEND FA	22.6	23.7	24.9	25.4	25.5	25.6	25.7	25.8
PEND IS/AB	31.1	33.0	34.7	35.9	36.4	36.5	36.6	36.7
# SPE'S	365	415	460	500	535	565	595	621
#PAT'S PRTD	164,115	177,397	192,820	235,281	258,669	278,938	298,443	316,365

**1,200 Examiner Hiring Levels**

**FY 07 Overtime 100 hours per examiner FTE**

**Efficiency Gains:**

**Patents Hoteling Program - 2% FY 08/13**

**Examiner Lap Top Pilot - 3% nFY 08/13**

**Flat Goal Pilot - .5% FY 08/13**

**Calims, Continuations & IDS (Examiner Bonus Structure) - 1% in FY 08 / 2% FY 09/13**

**FY 07/13 Attrition rate 10%**

**FY 07/13 Filing rate 8%**

**Chap I reduction 25%-07 50%-08 75%-09/13**

**Chap II reduction 25%-08 50%-09/13**

Adjusted for Complexity Factor

1% Application Abandonments from OIPE

1% Application reduction for continuations

**09OMB.P1 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>				
<b>Receipts:</b>													
UPR Filings growth @ 8% FY 07/13	384,228	419,760	453,340	489,600	528,800	571,100	616,800	666,100	719,400				
Less 1% for discontinued continuation				4,896	5,288	5,711	6,168	6,661	7,194				
<b>UPR Filings</b>	<b>419,760</b>	<b>453,340</b>	<b>484,704</b>	<b>523,512</b>	<b>565,389</b>	<b>610,632</b>	<b>659,439</b>	<b>712,206</b>					
Less Abandonment Rate 1% during initial	4,198	4,533	4,847	5,235	5,654	6,106	6,594	7,122					
<b>UPR Filings TO BE Examined</b>	<b>415,562</b>	<b>448,807</b>	<b>479,857</b>	<b>518,277</b>	<b>559,735</b>	<b>604,526</b>	<b>652,845</b>	<b>705,084</b>					
<b>Examiner Hires:</b>	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200				
<b>Attrition rate:</b>	10.6%	10%	10%	10%	10%	10%	10%	10%	10%				
<b>Overtime hours per examiner</b>	80	80	100	100	100	100	100	100	100				
<b>Production Rates:</b>													
Total complexity factor			-1.0%	-1.5%	-2.0%	-2.5%	-3.0%	-3.5%	4.0%				
<b>Efficiency Gains</b>	0.0	0.0	2.0%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%				
FY 04	FY 05	FY 06	Production Units per examiner per grade per fiscal year										
Actual	Actual	Actual	25.4	24.1	25.1	25.1	24.8	25.2	26.0	25.8	25.7	25.6	25.5
GS-5	31.5	31.4	34.1	34.1	33.8	34.3	34.3	35.3	35.1	34.9	34.9	34.8	34.6
GS-7	50.4	45.3	49.9	49.9	49.4	50.1	50.1	51.6	51.4	51.1	51.1	50.9	50.6
GS-9	62.7	54.2	53.1	53.1	52.6	53.4	53.4	54.9	54.7	54.4	54.4	54.1	53.9
GS-11	68.3	67.1	65.6	65.6	64.9	65.9	65.9	67.9	67.5	67.2	67.2	66.9	66.5
GS-12	81	79.4	77.0	77.0	76.2	77.4	77.4	79.7	79.3	78.9	78.9	78.5	78.1
GS-13	91.5	89.8	87.9	87.9	87.0	88.3	88.3	91.0	90.5	90.0	90.0	89.6	89.1
GS-14	103.1	99.3	92.3	92.3	91.4	92.7	92.7	95.5	95.0	94.6	94.6	94.1	93.6
<b>Patent Cooperation Treaty (PCT):</b>													
PCT Chapter I PUs redirected (paralegal)													
Chap I reduction 25%-07 50%-08 75%-09/13													
Chap II reduction 25%-08 50%-09/13													
Total PCT PU savings	913	977	2,690	6,725	11,231	11,960	12,732	13,551	14,418				
Examiner PCT PUs	14,234	12,617	11,719	8,549	4,960	5,203	5,460	5,733	6,022				
Examiner FTE	158	144	133	97	56	59	62	65	68.5				
<b>Examiner FTE lost/taken out of the examining corps:</b>													
Part-time	44	44	44	44	44	44	44	44	44				
Quality initiatives	12.7	0	0	11	22	27	28	28	28				
SP Quality Initiatives		19	39	34	34	34	34	34	34				
New Hire trainers	29	15	15	15	15	15	15	15	15				
CLE Training	2	4	6	8	10	12	14	14	14				
Exmr Tech Trng 8 hrs	20	3	6	9	11	13	15	15	15				
<b>Allowance Rate</b>	53.6%	54.0%	54.0%	54.0%	54.0%	54.0%	54.0%	54.0%	54.0%				

PT actual number based on 60% TOD

Quality Initiatives 55 hours per GS-12

SP Quality Initiatives Target reviews, quality award, reclass, search strategy, and soft skills. FY 07 mid-year implementation  
New Hire trainers are additional over FY 06 level.

CLE Training 2 FTE over base each year

Exmr tech trng is 8 hours per examiner over FY 06 base.

SUMMARY FY 2005 ACTUAL DATA **FY 08 President's Budget Submission**  
 8/30/06 14:15 08OMB.P13v4

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,747	5,268	5,724	6,135	6,502	6,828	7,118
PROF W-Y	3,804	4,197	4,707	5,245	5,722	6,091	6,422	6,728
# HIRED	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	559	639	709	758	804	849	888
Net Positions	534	641	561	491	442	396	351	312
OVERTIME(K)	12,225	14,795	17,220	19,590	21,800	23,700	25,500	27,300
OT HOURS	278,669	330,329	376,558	419,575	457,310	486,952	513,078	549,295
# BOY NEW	508,878	586,599	693,132	800,996	909,171	1,023,423	1,152,761	1,301,308
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	12.17	11.57	11.31	11.28	11.33	11.39	11.47	11.56
RECEIPTS	384,228	414,966	445,923	479,176	517,511	558,911	603,624	651,914
RECEIPTS TO BE EXAMINED	384,228	410,817	441,463	474,385	512,335	553,322	597,588	645,395
REG PROD	275,008	285,467	305,918	335,468	364,603	388,338	411,418	434,089
TOT PROD	288,315	301,242	323,900	355,505	386,442	411,592	435,920	460,320
DISPOSALS	279,345	298,200	314,200	344,800	374,800	399,200	422,800	446,500
FIRST ACTS	297,285	304,284	333,599	366,210	398,084	423,984	449,041	474,140
PEND FA	21.1	22.0	23.7	24.9	25.5	26.5	27.6	28.9
PEND IS/AB	29.1	31.3	33.0	34.7	35.9	36.5	37.5	38.6
# SPE'S	294	365	405	440	471	500	525	547
#PAT'S PRTD	152104	160,000	177,397	192,820	210,062	224,810	238,419	251,957

**1,200 Examiner Hiring Levels**

**FY 07 Overtime 80 hours per examiner FTE**

**FY 07/12 Limitation on Continuations - 1% reduction in filings**

**FY 06/12 Attrition rate 13%/13.2%/13.3%/13.4%/13.5%/13.6%/13.6%**

**FY 06/12 Filing rate 8%**

**Chap I reduction 25%-07 50%-08 75%-09/12**

**Chap II reduction 25%-08 50%-09/12**

Adjusted for Complexity Factor

PCT Outsourced Savings FY 06/12

1% Application Abandonments from OIPE

### 08OMB.P13v3 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	
<b>Receipts:</b>									
UPR Filings growth @ 8% FY 07/12	384,228	414,966	448,164	484,017	522,738	564,557	609,722	658,499	
Less 1% for discontinued continuation			2,241	4,840	5,227	5,646	6,097	6,585	
Less 10% for accelerated examination									
add back 20% of 5% of FY 09									
add back 20% of 5% of FY 10									
add back 20% of 5% of FY 11									
<b>UPR Filings</b>	414,966	445,923	479,176	517,511	558,911	603,624	651,914		
Less Abandonment Rate 1% during initial	4,150	4,459	4,792	5,175	5,589	6,036	6,519		
<b>UPR Filings TO BE Examined</b>	410,817	441,463	474,385	512,335	553,322	597,588	645,395		
<b>Examiner Hires:</b>	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	
<b>Attrition rate:</b>	10%	13.0%	13.2%	13.3%	13.4%	13.5%	13.6%	13.6%	
<b>Overtime hours per examiner</b>	80	78	77	76	76	76	76	75	
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	
<b>Efficiency Gains</b>		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	56.1
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	65.0
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	87.1
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	97.2
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/12									
Chap II reduction 25%-08 50%-09/12									
Total PCT PU savings	913	1,250	2,680	7,446	12,768	13,628	14,540	15,507	
Examiner PCT PUs	14,234	14,806	14,339	10,594	6,355	6,642	6,946	7,268	
Examiner FTE	158	165	160	118	71	74	77	81	
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44	44	
Quality initiatives	12	5	4	6	17	28	34	40	
SP Quality Initiatives			55	43	31	31	32	35	
New Hire trainers	5	15	15	15	15	15	15	15	
CLE Training	8	29	34	38	43	48	53	58	
Exmr Tech Trng 8 hrs	7	6	6	6	7	10	12	14	
<b>Allowance Rate</b>	58.7%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	

SUMMARY FY 2005 ACTUAL DATA  
8/29/06 11:45 08OMB.P13

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,747	5,268	5,724	6,135	6,502	6,828	7,118
PROF W-Y	3,804	4,197	4,707	5,245	5,722	6,091	6,422	6,728
# HIRED	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	559	639	709	758	804	849	888
Net Positions	534	641	561	491	442	396	351	312
OVERTIME(K)	12,225	14,795	17,220	19,590	21,800	23,700	25,500	27,300
OT HOURS	278,669	330,329	376,558	419,575	457,310	486,952	513,078	549,295
# BOY NEW	508,878	586,599	693,132	800,996	909,171	1,023,423	1,152,761	1,301,308
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	12.17	11.57	11.31	11.28	11.33	11.39	11.47	11.56
RECEIPTS	384,228	414,966	445,923	479,176	517,511	558,911	603,624	651,914
RECEIPTS TO BE EXAMINED	384,228	410,817	441,463	474,385	512,335	553,322	597,588	645,395
REG PROD	275,008	285,467	305,918	335,468	364,603	388,338	411,418	434,089
TOT PROD	288,315	301,242	323,900	355,505	386,442	411,592	435,920	460,320
DISPOSALS	279,345	298,200	314,200	344,800	374,800	399,200	422,800	446,500
FIRST ACTS	297,285	304,284	333,599	366,210	398,084	423,984	449,041	474,140
PEND FA	21.1	22.0	23.3	24.9	25.5	26.5	27.6	28.9
PEND IS/AB	29.1	31.3	32.0	34.3	35.9	36.5	37.5	38.6
# SPE'S	294	365	405	440	471	500	525	547
#PATS PRTD	152104	160,000	177,397	192,820	210,062	224,810	238,419	251,957

**1,200 Examiner Hiring Levels**

**FY 07 Overtime 80 hours per examiner FTE**

**FY 07/12 Limitation on Continuations - 1% reduction in filings**

**FY 06/12 Attrition rate 13%/13.2%/13.3%/13.4%/13.5%/13.6%/13.6%**

**FY 06/12 Filing rate 8%**

**Chap I reduction 25%-07 50%-08 75%-09/12**

**Chap II reduction 25%-08 50%-09/12**

Adjusted for Complexity Factor

PCT Outsourced Savings FY 06/12

1% Application Abandonments from OIPE

### 08OMB.P13 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	
<b>Receipts:</b>									
UPR Filings growth @ 8% FY 07/12	384,228	414,966	448,164	484,017	522,738	564,557	609,722	658,499	
Less 1% for discontinued continuation			2,241	4,840	5,227	5,646	6,097	6,585	
Less 10% for accelerated examination									
add back 20% of 5% of FY 09									
add back 20% of 5% of FY 10									
add back 20% of 5% of FY 11									
<b>UPR Filings</b>	414,966	445,923	479,176	517,511	558,911	603,624	651,914		
Less Abandonment Rate 1% during initial	4,150	4,459	4,792	5,175	5,589	6,036	6,519		
<b>UPR Filings TO BE Examined</b>	410,817	441,463	474,385	512,335	553,322	597,588	645,395		
<b>Examiner Hires:</b>									
959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	
Attrition rate:	10%	13.0%	13.2%	13.3%	13.4%	13.5%	13.6%	13.6%	
<b>Overtime hours per examiner</b>	80	78	77	76	76	76	76	75	
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	
<b>Efficiency Gains</b>		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	56.1
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	65.0
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	87.1
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	97.2
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/12									
Chap II reduction 25%-08 50%-09/12									
Total PCT PU savings	913	1,250	2,680	7,446	12,768	13,628	14,540	15,507	
Examiner PCT PUs	14,234	14,806	14,339	10,594	6,355	6,642	6,946	7,268	
Examiner FTE	158	165	160	118	71	74	77	81	
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44	44	
Quality initiatives	12	5	4	6	17	28	34	40	
SP Quality Initiatives			55	43	31	31	32	35	
New Hire trainers	5	15	15	15	15	15	15	15	
CLE Training	8	29	34	38	43	48	53	58	
Exmr Tech Trng 8 hrs	7	6	6	6	7	10	12	14	
		158	152	157	176	190	206		
<b>Allowance Rate</b>	58.7%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	

SUMMARY FY 2005 ACTUAL DATA  
8/25/06 21:00 08OMB.P12

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	3,643	3,643	3,643	3,643	3,643	3,643	3,643	3,643
PROF W-Y	3,617	3,473	3,366	3,386	3,470	3,447	3,427	3,424
# HIRED	425	490	490	490	490	490	490	490
# ATTRITED	425	490	490	490	490	490	490	490
Net Positions	0	0	0	0	0	0	0	0
OVERTIME(K)	12,225	12,445	12,315	12,650	13,235	13,425	13,625	13,900
OT HOURS	278,669	277,852	269,298	270,935	277,637	275,837	274,144	279,678
# BOY NEW	499,656	593,696	724,196	896,142	1,100,321	1,337,044	1,618,234	1,946,716
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	12.41	12.36	12.34	12.35	12.35	12.34	12.34	12.33
RECEIPTS	384,228	414,966	445,923	479,176	517,511	558,911	603,624	651,914
RECEIPTS TO BE EXAMINED	384,228	410,817	441,463	474,385	512,335	553,322	597,588	645,395
REG PROD	268,437	258,841	248,798	249,415	254,348	251,044	248,162	246,332
TOT PROD	281,744	272,109	261,658	262,353	267,606	264,216	261,253	259,688
DISPOSALS	273,300	263,900	253,800	254,500	259,600	256,300	253,400	251,900
FIRST ACTS	290,187	280,318	269,517	270,206	275,612	272,132	269,105	267,476
PEND FA	21.1	22.7	25.9	29.5	33.2	37.0	41.2	45.4
PEND IS/AB	29.1	31.3	32.7	36.9	40.5	44.2	48.0	52.2
# SPE'S	280	280	280	280	280	280	280	280
#PAT'S PRTD	152104	152,240	146,564	145,370	147,723	147,028	145,313	144,257

**Replacement Examiner Hiring Levels**  
**FY 07 Overtime 80 hours per examiner FTE (90)**  
**FY 07/12 Limitation on Continuations - 1% reduction in filings**

**FY 06/12 Attrition rate 13%(10%/9%/8%/7%/7%/7%/7%)**  
**FY 06/12 Filing rate 8%**  
**Chap I reduction 25%-07 50%-08 75%-09/12**  
**Chap II reduction 25%-08 50%-09/12**

Adjusted for Complexity Factor  
PCT Outsourced Savings FY 06/12  
1% Application Abandonments from OIPE

### 08OMB.P12 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	
<b>Receipts:</b>									
UPR Filings growth @ 8% FY 07/12	384,228	414,966	448,164	484,017	522,738	564,557	609,722	658,499	
Less 1% for discontinued continuation			2,241	4,840	5,227	5,646	6,097	6,585	
Less 10% for accelerated examination									
add back 20% of 5% of FY 09									
add back 20% of 5% of FY 10									
add back 20% of 5% of FY 11									
<b>UPR Filings</b>	414,966	445,923	479,176	517,511	558,911	603,624	651,914		
Less Abandonment Rate 1% during initial	4,150	4,459	4,792	5,175	5,589	6,036	6,519		
<b>UPR Filings TO BE Examined</b>	410,817	441,463	474,385	512,335	553,322	597,588	645,395		
<b>Examiner Hires:</b>	425	490	490	490	490	490	490	490	
<b>Attrition rate:</b>	10%	13.0%	13.2%	13.3%	13.4%	13.5%	13.6%	13.6%	
<b>Overtime hours per examiner</b>	80	78	77	76	76	76	76	75	
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	
<b>Efficiency Gains</b>		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	55.9
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	64.7
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	87.1
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	96.7
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/12									
Chap II reduction 25%-08 50%-09/12									
Total PCT PU savings	913	1,250	2,680	7,446	12,768	13,628	14,540	15,507	
Examiner PCT PUs	14,234	14,806	14,339	10,594	6,355	6,642	6,946	7,268	
Examiner FTE	158	165	160	118	71	74	77	81	
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44	44	
Quality initiatives	12	5	5	6	17	28	34	40	
SP Quality Initiatives			112	127	72	74	76	77	
New Hire trainers	5	15	15	15	15	15	15	15	
CLE Training	8	29	34	38	43	48	53	58	
Exmr Tech Trng 8 hrs	7	6	6	6	7	10	12	14	
<b>Allowance Rate</b>	58.7%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	

SUMMARY FY 2005 ACTUAL DATA  
8/25/06 20:00 08OMB.P11

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,747	5,268	5,724	6,135	6,502	6,828	7,118
PROF W-Y	3,804	4,197	4,650	5,161	5,681	6,048	6,377	6,683
# HIRED	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	559	639	709	758	804	849	888
Net Positions	534	641	561	491	442	396	351	312
OVERTIME(K)	12,225	14,795	16,587	18,555	20,583	22,373	24,085	25,432
OT HOURS	278,669	330,329	362,715	397,408	431,781	459,687	484,607	511,710
# BOY NEW	508,878	586,599	693,132	805,587	916,176	1,025,112	1,143,550	1,274,741
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	12.17	11.57	11.31	11.27	11.32	11.38	11.46	11.55
RECEIPTS	384,228	414,966	445,923	474,740	507,971	543,529	581,576	622,287
RECEIPTS TO BE EXAMINED	384,228	410,817	441,463	469,992	502,892	538,094	575,761	616,064
REG PROD	275,008	285,467	302,133	329,924	361,909	385,526	408,493	431,177
TOT PROD	288,315	301,242	319,454	348,902	382,528	407,478	431,635	455,613
DISPOSALS	279,345	298,200	309,900	338,400	371,100	395,300	418,700	441,900
FIRST ACTS	297,285	304,284	329,008	359,404	393,956	419,655	444,571	469,327
PEND FA	21.1	22.0	23.3	24.9	26.0	27.0	28.1	29.2
PEND IS/AB	29.1	31.3	32.0	34.3	35.9	37.0	38.0	39.1
# SPE'S	294	365	405	440	471	500	525	547
#PAT'S PRTD	152104	160,000	175,549	189,454	207,563	222,608	236,103	249,397

**1,200 Examiner Hiring Levels**  
**FY 07 Overtime 80 hours per examiner FTE (90)**  
**FY 07/12 Limitation on Continuations - 1% reduction in filings**

**FY 06/12 Attrition rate 13%(10%/9%/8%/7%/7%/7%/7%)**  
**FY 06/07 Filing rate 8% - FY 08/12 7%**  
**Chap I reduction 25%-07 50%-08 75%-09/12**  
**Chap II reduction 25%-08 50%-09/12**

Adjusted for Complexity Factor  
PCT Outsourced Savings FY 06/12  
1% Application Abandonments from OIPE

**08OMB.P11 Patent Production Model assumptions**

<b>Fiscal Year</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	
<b>Receipts:</b>									
UPR Filings growth @ 8% FY 07/08 - 7% FY 08/12	384,228	414,966	448,164	479,535	513,102	549,020	587,451	628,573	
Less 1% for discontinued continuation			2,241	4,795	5,131	5,490	5,875	6,286	
Less 10% for accelerated examination									
add back 20% of 5% of FY 09									
add back 20% of 5% of FY 10									
add back 20% of 5% of FY 11									
<b>UPR Filings</b>	<b>414,966</b>	<b>445,923</b>	<b>474,740</b>	<b>507,971</b>	<b>543,529</b>	<b>581,576</b>	<b>622,287</b>		
Less Abandonment Rate 1% during initial	4,150	4,459	4,747	5,080	5,435	5,816	6,223		
<b>UPR Filings TO BE Examined</b>	<b>410,817</b>	<b>441,463</b>	<b>469,992</b>	<b>502,892</b>	<b>538,094</b>	<b>575,761</b>	<b>616,064</b>		
<b>Examiner Hires:</b>	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	
<b>Attrition rate:</b>	10%	13.0%	13.2%	13.3%	13.4%	13.5%	13.6%	13.6%	
<b>Overtime hours per examiner</b>		80	78	77	76	76	76	75	
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	
<b>Efficiency Gains</b>		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	56.1
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	65.0
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	87.1
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	97.2
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/12									
Chap II reduction 25%-08 50%-09/12									
Total PCT PU savings	913	1,250	2,680	7,446	12,768	13,628	14,540	15,507	
Examiner PCT PUs	14,234	14,806	14,339	10,594	6,355	6,642	6,946	7,268	
Examiner FTE	158	165	160	118	71	74	77	81	
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44	44	
Quality initiatives	12	5	5	6	17	28	34	40	
SP Quality Initiatives			112	127	72	74	76	77	
New Hire trainers	5	15	15	15	15	15	15	15	
CLE Training	8	29	34	38	43	48	53	58	
Exmr Tech Trng B hrs	7	6	6	6	7	10	12	14	
<b>Allowance Rate</b>	<b>58.7%</b>	<b>60.0%</b>	<b>60.0%</b>	<b>60.0%</b>	<b>60.0%</b>	<b>60.0%</b>	<b>60.0%</b>	<b>60.0%</b>	

SUMMARY FY 2005 ACTUAL DATA  
8/18/06 11:00 08OMB.P10

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,747	5,315	5,818	6,267	6,680	7,048	7,377
PROF W-Y	3,804	4,197	4,672	5,230	5,793	6,202	6,575	6,921
# HIRED	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	559	588	658	717	756	805	846
Net Positions	534	641	612	542	483	444	395	354
OVERTIME(K)	12,225	14,795	17,100	19,500	22,100	24,150	26,140	28,100
OT HOURS	278,669	330,329	373,933	417,648	463,603	496,198	525,955	565,392
# BOY NEW	508,878	586,599	693,132	803,409	908,026	1,007,038	1,112,020	1,225,926
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	12.17	11.57	11.31	11.28	11.35	11.41	11.5	11.6
RECEIPTS	384,228	414,966	445,923	474,740	507,971	543,529	581,576	622,287
RECEIPTS TO BE EXAMINED	384,228	410,817	441,463	469,992	502,892	538,094	575,761	616,064
REG PROD	275,008	285,467	303,636	334,792	369,951	396,810	423,260	449,208
TOT PROD	288,315	301,242	321,493	354,737	392,090	420,506	448,377	476,208
DISPOSALS	279,345	298,200	311,800	344,100	380,300	407,900	434,900	461,900
FIRST ACTS	297,285	304,284	331,186	365,374	403,881	433,112	461,854	490,516
PEND FA	21.1	22.0	23.3	24.7	25.5	26.3	27.0	27.8
PEND IS/AB	29.1	31.3	32.0	34.3	35.7	36.5	37.3	38.0
# SPE'S	294	365	409	448	482	513	540	565
#PATS PRTD	152104	160,000	176,365	192,183	212,327	229,331	244,855	260,294

**1,200 Examiner Hiring Levels**

**FY 07 Overtime 80 hours per examiner FTE (90)**

**No Efficiency gains from outsourcing the search**

**FY 07/12 Limitation on continuations - 1% reduction in filings**

**FY 07/12 Attrition rate 12%(10%/9%/8%/7%/7%/7%/7%)**

**FY 07 Filing rate 8% - FY 08/12 7%**

**Chap I reduction 25%-07 50%-08 75%-09/12**

**Chap II reduction 25%-08 50%-09/12**

Adjusted for Complexity Factor

PCT Outsourced Savings FY 07/12

1% Application Abandonments from OIPE

### 08OMB.P10 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	
<b>Receipts:</b>									
UPR Filings growth @ 8% FY 07/08 - 7% FY 08/12	384,228	414,966	448,164	479,535	513,102	549,020	587,451	628,573	
Less 1% for discontinued continuation			2,241	4,795	5,131	5,490	5,875	6,286	
Less 10% for accelerated examination									
add back 20% of 5% of FY 09									
add back 20% of 5% of FY 10									
add back 20% of 5% of FY 11									
<b>UPR Filings</b>	414,966	445,923	474,740	507,971	543,529	581,576	622,287		
Less Abandonment Rate 1% during initial	4,150	4,459	4,747	5,080	5,435	5,816	6,223		
<b>UPR Filings TO BE Examined</b>	410,817	441,463	469,992	502,892	538,094	575,761	616,064		
<b>Examiner Hires:</b>									
959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	
Attrition rate:	10%	13.0%	12.2%	12.3%	12.4%	12.5%	12.6%	12.6%	
<b>Overtime hours per examiner</b>	80	78	77	76	76	76	76	75	
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	
<b>Efficiency Gains</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	55.9
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	64.7
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	86.6
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	96.7
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/12									
Chap II reduction 25%-08 50%-09/12									
Total PCT PU savings	913	1,250	2,680	7,446	12,768	13,628	14,540	15,507	
Examiner PCT PUs	14,234	14,806	14,339	10,594	6,355	6,642	6,946	7,268	
Examiner FTE	158	165	160	118	71	74	77	81	
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44	44	
Quality initiatives	12	5	5	6	17	28	34	40	
SP Quality Initiatives			112	127	72	74	76	77	
New Hire trainers	5	15	15	15	15	15	15	15	
CLE Training	8	29	34	38	43	48	53	58	
Exmr Tech Trng 8 hrs	7	6	6	6	7	10	12	14	
<b>Allowance Rate</b>	58.7%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	

SUMMARY FY 2005 ACTUAL DATA  
8/11/06 11:00 08OMB.P9

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,747	5,340	5,947	6,497	6,994	7,458	7,879
PROF W-Y	3,804	4,197	4,684	5,302	5,968	6,470	6,934	7,373
# HIRED	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	559	562	545	608	664	702	746
Net Positions	534	641	638	655	592	536	498	454
OVERTIME(K)	12,225	14,795	16,420	19,062	21,625	23,935	26,200	28,050
OT HOURS	278,669	330,329	359,064	408,267	453,639	491,781	527,162	564,386
# BOY NEW	508,878	586,599	693,132	805,453	909,872	940,501	966,420	990,345
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	12.17	11.57	11.31	11.3	11.38	11.46	11.56	11.68
RECEIPTS	384,228	414,966	448,164	479,535	513,102	549,020	587,451	628,573
RECEIPTS TO BE EXAMINED	384,228	410,817	443,682	474,740	447,015	478,814	512,839	549,245
REG PROD	275,008	285,467	304,534	340,014	382,580	416,213	449,533	482,865
TOT PROD	288,315	301,242	321,681	359,511	404,243	439,698	474,707	509,817
DISPOSALS	279,345	298,200	312,000	348,700	392,100	426,500	460,500	494,500
FIRST ACTS	297,285	304,284	331,361	370,321	416,385	452,895	488,915	525,135
PEND FA	21.1	22.0	23.3	24.9	26.1	25.7	24.7	23.7
PEND IS/AB	29.1	31.3	32.0	34.3	35.9	37.1	36.7	35.7
# SPE'S	294	365	410	458	500	539	573	606
#PAT'S PRTD	152104	160,000	179,592	198,421	221,761	242,452	261,941	281,642

**1,200 Examiner Hiring Levels**

**FY 07 Overtime 80 hours per examiner FTE (90)**

**No Efficiency gains from outsourcing the search**

**2% reduction in filings from continuation limitations starting in FY 09**

**10% reduction in filings from deferred examination starting in FY 09**

**FY 06/12 Attrition rate 13%/11.5%/10%/10%/10%/10% (10%/9%/8%/7%/7%/7%)**

**FY 06/07 Filing rate 8% - FY 08/12 7%**

**Chap I reduction 25%-07 50%-08 75%-09/12**

**Chap II reduction 25%-08 50%-09/12**

Adjusted for Complexity Factor

PCT Outsourced Savings FY 06/12

1% Application Abandonments from OIPE

### 08OMB.P9 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	
<b>Receipts:</b>									
UPR Filings growth @ 8% FY 06/07 - 7% FY 08/12	384,228	414,966	448,164	479,535	513,102	549,020	587,451	628,573	
Less 2% for discontinued continuation					10,262	10,980	11,749	12,571	
Less 10% for accelerated examination					51,310	54,902	58,745	62,857	
add back 20% of 5% of FY 09						513	513	513	
add back 20% of 5% of FY 10							549	549	
add back 20% of 5% of FY 11								587	
<b>UPR Filings</b>	414,966	448,164	479,535	451,530	483,650	518,019	554,793		
Less Abandonment Rate 1% during initial	4,150	4,482	4,795	4,515	4,837	5,180	5,548		
<b>UPR Filings TO BE Examined</b>	410,817	443,682	474,740	447,015	478,814	512,839	549,245		
<b>Examiner Hires:</b>	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	
<b>Attrition rate:</b>	10%	13.0%	13.2%	13.3%	13.4%	13.5%	13.6%	13.6%	
<b>Target Attrition Rate:</b>			10.2%	10.3%	10.4%	10.5%	10.6%	10.6%	
<b>Overtime hours per examiner</b>	80	78	77	76	76	76	76	75	
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	
<b>Efficiency Gains</b>		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	56.1
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	65.0
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	87.1
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	97.2
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/12									
Chap II reduction 25%-08 50%-09/12									
Total PCT PU savings	913	1,250	2,680	7,446	12,768	13,628	14,540	15,507	
Examiner PCT PUs	14,234	14,806	14,339	10,594	6,355	6,642	6,946	7,268	
Examiner FTE	158	165	160	118	71	74	77	81	
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44	44	
Quality initiatives	12	5	5	6	17	28	34	40	
SP Quality Initiatives			112	127	72	74	76	77	
New Hire trainers	5	15	15	15	15	15	15	15	
CLE Training	8	29	34	38	43	48	53	58	
Exmr Tech Trng 8 hrs	7	6	6	6	7	10	12	14	
<b>Allowance Rate</b>	58.7%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	

SUMMARY FY 2005 ACTUAL DATA  
8/11/06 11:00 08OMB.P6

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,747	5,340	5,947	6,497	6,994	7,458	7,879
PROF W-Y	3,804	4,197	4,684	5,302	5,968	6,470	6,934	7,373
# HIRED	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200
# ATTRITED	425	559	562	545	608	664	702	746
Net Positions	534	641	638	655	592	536	498	454
OVERTIME(K)	12,225	14,795	16,420	19,062	21,625	23,935	26,200	28,050
OT HOURS	278,669	330,329	359,064	408,267	453,639	491,781	527,162	564,386
# BOY NEW	508,878	586,599	693,132	805,453	900,377	931,006	956,925	980,850
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	12.17	11.57	11.31	11.3	11.38	11.46	11.56	11.68
RECEIPTS	384,228	414,966	448,164	479,535	513,102	549,020	587,451	628,573
RECEIPTS TO BE EXAMINED	384,228	410,817	443,682	465,245	447,015	478,814	512,839	549,245
REG PROD	275,008	285,467	304,534	340,014	382,580	416,213	449,533	482,865
TOT PROD	288,315	301,242	321,681	359,511	404,243	439,698	474,707	509,817
DISPOSALS	279,345	298,200	312,000	348,700	392,100	426,500	460,500	494,500
FIRST ACTS	297,285	304,284	331,361	370,321	416,385	452,895	488,915	525,135
PEND FA	21.1	22.0	23.3	24.7	25.9	25.5	24.5	23.5
PEND IS/AB	29.1	31.3	32.0	34.3	35.7	36.9	36.5	35.5
# SPE'S	294	365	410	458	500	539	573	606
#PATS PRTD	152104	160,000	179,592	198,421	221,761	242,452	261,941	281,642

**1,200 Examiner Hiring Levels**

**FY 07 Overtime 80 hours per examiner FTE (90)**

**No Efficiency gains from outsourcing the search**

**2% reduction in filings from continuation limitations starting in FY 08**

**10% reduction in filings from deferred examination starting in FY 09**

**FY 06/12 Attrition rate 13%/11.5%/10%/10%/10%/10% (10%/9%/8%/7%/7%/7%)**

**FY 06/07 Filing rate 8% - FY 08/12 7%**

**Chap I reduction 25%-07 50%-08 75%-09/12**

**Chap II reduction 25%-08 50%-09/12**

Adjusted for Complexity Factor

PCT Outsourced Savings FY 06/12

1% Application Abandonments from OIPE

### 08OMB.P6 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	
<b>Receipts:</b>									
UPR Filings growth @ 8% FY 06/07 - 7% FY 08/12	384,228	414,966	448,164	479,535	513,102	549,020	587,451	628,573	
Less 2% for discontinued continuation				9,591	10,262	10,980	11,749	12,571	
Less 10% for accelerated examination					51,310	54,902	58,745	62,857	
add back 20% of 5% of FY 09						513	513	513	
add back 20% of 5% of FY 10							549	549	
add back 20% of 5% of FY 11								587	
<b>UPR Filings</b>	414,966	448,164	469,944	451,530	483,650	518,019	554,793		
Less Abandonment Rate 1% during initial	4,150	4,482	4,699	4,515	4,837	5,180	5,548		
<b>UPR Filings TO BE Examined</b>	410,817	443,682	465,245	447,015	478,814	512,839	549,245		
<b>Examiner Hires:</b>									
Examiner Hires:	959	1,200	1,200	1,200	1,200	1,200	1,200	1,200	
Attrition rate:	10%	13.0%	13.2%	13.3%	13.4%	13.5%	13.6%	13.6%	
Target Attrition Rate:			10.2%	10.3%	10.4%	10.5%	10.6%	10.6%	
Overtime hours per examiner	80	78	77	76	76	76	76	75	
<b>Production Rates:</b>									
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%	
<b>Efficiency Gains</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	FY 04	FY 05	2-YR Avg						
	Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year					
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	56.1
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	65.0
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	87.1
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	96.7
<b>Patent Cooperation Treaty (PCT):</b>									
PCT Chapter I PUs redirected (paralegal)									
Chap I reduction 25%-07 50%-08 75%-09/12									
Chap II reduction 25%-08 50%-09/12									
Total PCT PU savings	913	1,250	2,680	7,446	12,768	13,628	14,540	15,507	
Examiner PCT PUs	14,234	14,806	14,339	10,594	6,355	6,642	6,946	7,268	
Examiner FTE	158	165	160	118	71	74	77	81	
<b>Examiner FTE lost/taken out of the examining corps:</b>									
Part-time	44	44	44	44	44	44	44	44	
Quality initiatives	12	5	5	6	17	28	34	40	
SP Quality Initiatives			112	127	72	74	76	77	
New Hire trainers	5	15	15	15	15	15	15	15	
CLE Training	8	29	34	38	43	48	53	58	
Exmr Tech Trng 8 hrs	7	6	6	6	7	10	12	14	
<b>Allowance Rate</b>	58.7%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	

## SUMMARY FY 2005 ACTUAL DATA

5/28/06 12:30 08OMB.P2

YEAR	2005	2006	2007	2008	2009	2010	2011	2012
EOY STAFF	4,177	4,562	5,102	5,597	6,050	6,464	6,843	7,190
PROF W-Y	3,804	4,129	4,603	5,157	5,662	6,076	6,457	6,818
# HIRED	959	1,000	1,000	1,000	1,000	1,000	1,000	1,000
# ATTRITED	425	559	418	467	512	554	592	626
Net Positions	534	441	582	533	488	446	408	374
OVERTIME(K)	12,225	14,795	16,840	19,263	21,594	23,659	25,671	27,675
OT HOURS	278,669	330,329	368,255	412,579	452,986	486,119	516,519	556,850
# BOY NEW	508,878	586,599	696,362	806,015	894,564	983,126	1,080,167	1,189,822
TOTAL D'TLS	13	20	20	20	20	20	20	20
AVG. GRADE	12.17	11.66	11.53	11.54	11.62	11.69	11.78	11.88
RECEIPTS	384,228	414,966	448,164	464,656	501,828	541,975	585,333	632,159
RECEIPTS TO BE EXAMINED	384,228	410,817	443,682	459,816	496,601	536,329	579,235	625,574
REG PROD	275,008	283,852	306,678	340,782	374,537	403,280	431,224	458,678
TOT PROD	288,315	299,627	324,264	360,484	396,169	426,494	455,890	485,270
DISPOSALS	279,345	298,200	314,500	349,700	384,300	413,700	442,200	470,700
FIRST ACTS	297,285	301,054	334,029	371,267	408,039	439,288	469,579	499,839
PEND FA	21.1	22.0	23.3	24.0	24.8	25.7	26.1	26.7
PEND IS/AB	29.1	31.3	32.0	33.3	34.0	34.8	35.7	36.1
# SPE'S	294	350	392	430	465	497	526	553
#PATS PRTD	152104	160,000	177,526	194,980	214,842	232,392	248,817	265,114

**1,000 Examiner Hiring Levels****Overtime 80 hours per examiner FTE (90)****No Efficiency gains from outsourcing the search****FY 06/12 Attrition rate 13%/9%/9%/9%/9%/9%/9% (10%/9%/8%/7%/7%/7%/7%)****FY 08/12 Claims/Continuations at 4% reduction in filings****FY 06/12 Filing rate 8% (FY 07/11 - 7%)****Chap I reduction 25%-07 50%-08 75%-09/12****Chap II reduction 25%-08 50%-09/12**

Adjusted for Complexity Factor

PGPub Outsourced Savings FY 06/12

PCT Outsourced Savings FY 06/12

1% Application Abandonments from OIPE

GS-12+ Tech Training

## 08OMB.P2 Patent Production Model assumptions

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012		
<b>Receipts:</b>										
UPR Filings growth @ 8% FY 05/12	384,228	414,966	448,164	484,017	522,738	564,557	609,722	658,499		
Less 4% for discontinued continuation				19,361	20,910	22,582	24,389	26,340		
<b>UPR Filings</b>				464,656	501,828	541,975	585,333	632,159		
Less Abandonment Rate 1% during initial	4,150	4,482	4,840	5,227	5,646	6,097	6,585			
<b>UPR Filings TO BE Examined</b>	410,817	443,682	459,816	496,601	536,329	579,235	625,574			
<b>Examiner Hires:</b>	959	1,000	1,000	1,000	1,000	1,000	1,000	1,000		
Attrition rate:	10%	13%	9%	9%	9%	9%	9%	9%		
<b>Production Rates:</b>										
Total complexity factor		-1.0%	-2.0%	-2.5%	-3.0%	-3.5%	-4.0%	-4.5%		
<b>Efficiency Gains</b>		0.0	0.0	0.0	0.0	0.0	0.0	0.0		
FY 04	FY 05	2-YR Avg								
Actual	Actual	of Actual	Production Units per examiner per grade per fiscal year							
GS-5	25.4	24.1	24.75	24.5	24.3	24.1	24.0	23.9	23.8	23.7
GS-7	31.5	31.4	31.45	31.1	30.8	30.7	30.5	30.4	30.2	30.1
GS-9	50.4	45.3	47.85	47.4	46.9	46.7	46.4	46.2	46.0	45.7
GS-11	62.7	54.2	58.45	57.9	57.3	57.0	56.7	56.4	56.1	55.9
GS-12	68.3	67.1	67.7	67.0	66.4	66.0	65.7	65.4	65.0	64.7
GS-13	81	79.4	80.2	79.4	78.6	78.2	77.8	77.4	77.0	76.7
GS-14	91.5	89.8	90.65	89.7	88.8	88.4	88.0	87.5	87.1	86.6
GS-15	103.1	99.3	101.2	100.2	99.2	98.7	98.2	97.7	97.2	96.7
<b>Patent Cooperation Treaty (PCT):</b>										
PCT Chapter I PUs redirected (paralegal)										
Total PCT PU savings	913	1,250	2,680	7,446	12,768	13,628	14,540	15,507		
Examiner PCT PUs	14,234	14,806	14,339	10,594	6,355	6,642	6,946	7,268		
Examiner FTE	158	165	160	118	71	74	77	81		
<b>Competitive Sourcing:</b>	0	35	37	39	42	44	47	50		
PGPub FTE redirected to examination										
<b>Overtime:</b>	86	85	80	80	80	80	80	80		
Overtime hours per examiner FTE										
<b>Examiner FTE lost/taken out of the examining corps:</b>										
Part-time	44	44	44	44	44	44	44	44		
Quality initiatives	12	5	5	6	17	28	34	40		
New Hire trainers	5	15	15	15	15	15	15	15		
CLE Training	8	29	34	38	43	48	53	58		
Exmr Tech Trng 8 hrs >=GS12	7	6	6	6	7	10	12	14		
<b>Allowance Rate</b>	58.7%	60.0%	63.0%	63.0%	63.0%	63.0%	63.0%	63.0%		